Ontario Ministry of Northern Development and Mines

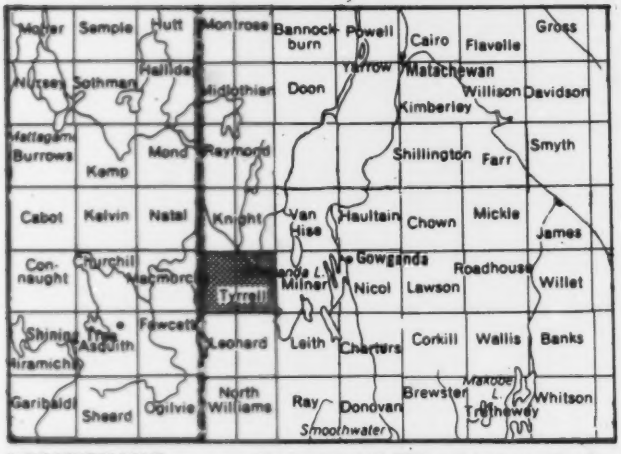
Mines and Minerals Division

ONTARIO GEOLOGICAL SURVEY

GEOLOGICAL DATA INVENTORY FOLIO 508

# TYRRELL TOWNSHIP

**Compiled by the Staff of**
**the Resident Geologist's Office**
**Cobalt**




LOCATION MAP Scale: 1:1 013 760 or 1 inch to 16 miles

CANADA ONTARIO Mineral Development Agreement / Entente sur la mise en valeur minérale

This project is part of the five year Canada–Ontario 1985 Mineral Development Agreement (COMDA), a subsidiary agreement to the Economic and Regional Development Agreement (ERDA) signed by the governments of Canada and Ontario.

90-05981/

NTS Number 41P/10 and 41P/11

Mining Claim Map Number M-253

This project was funded under the Canada-Ontario Mineral Development Agreement (COMDA)

STATEMENT: This inventory is unedited. Discrepancies may occur for which the Ontario Geological Survey does not assume liability. Information from this source may be quoted if credit is given. Reference to this inventory should be made as follows:

Ontario Geological Survey 1990. Tyrrel Township, Geological Data Inventory Folio 508; compiled by the staff of the Resident Geologist's office, Cobalt.

Original Compilation by: Patricia Anderson February 10, 1989

| Date | Page Revised | Revised by |
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| Date | Page Revised | Revised by |
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# CONVERSION FACTORS FOR MEASUREMENTS IN ONTARIO GEOLOGICAL SURVEY PUBLICATIONS

If the reader wishes to convert imperial units to SI (metric) units or SI units to imperial units the following multipliers should be used:

| CONVERSION FROM SI TO IMPERIAL | | | CONVERSION FROM IMPERIAL TO SI | | |
|---|---|---|---|---|---|
| *SI Unit* | *Multiplied by* | *Gives* | *Imperial Unit* | *Multiplied by* | *Gives* |
| | | | **LENGTH** | | |
| 1 mm | 0.039 37 | inches | 1 inch | **25.4** | mm |
| 1 cm | 0.393 70 | inches | 1 inch | **2.54** | cm |
| 1 m | 3.280 84 | feet | 1 foot | **0.304 8** | m |
| 1 m | 0.049 709 7 | chains | 1 chain | 20.116 8 | m |
| 1 km | 0.621 371 | miles (statute) | 1 mile (statute) | **1.609 344** | km |
| | | | **AREA** | | |
| 1 $cm^2$ | 0.155 0 | square inches | 1 square inch | **6.451 6** | $cm^2$ |
| 1 $m^2$ | 10.763 9 | square feet | 1 square foot | **0.092 903 04** | $m^2$ |
| 1 $km^2$ | 0.386 10 | square miles | 1 square mile | 2.589 988 | $km^2$ |
| 1 ha | 2.471 054 | acres | 1 acre | 0.404 685 6 | ha |
| | | | **VOLUME** | | |
| 1 $cm^3$ | 0.061 02 | cubic inches | 1 cubic inch | **16.387 064** | $cm^3$ |
| 1 $m^3$ | 35.314 7 | cubic feet | 1 cubic foot | 0.028 316 85 | $m^3$ |
| 1 $m^3$ | 1.308 0 | cubic yards | 1 cubic yard | 0.764 555 | $m^3$ |
| | | | **CAPACITY** | | |
| 1 L | 1.759 755 | pints | 1 pint | 0.568 261 | L |
| 1 L | 0.879 877 | quarts | 1 quart | 1.136 522 | L |
| 1 L | 0.219 969 | gallons | 1 gallon | **4.546 090** | L |
| | | | **MASS** | | |
| 1 g | 0.035 273 96 | ounces (avdp) | 1 ounce (avdp) | 28.349 523 | g |
| 1 g | 0.032 150 75 | ounces (troy) | 1 ounce (troy) | **31.103 476 8** | g |
| 1 kg | 2.204 62 | pounds (avdp) | 1 pound (avdp) | **0.453 592 37** | kg |
| 1 kg | 0.001 102 3 | tons (short) | 1 ton (short) | **907.184 74** | kg |
| 1 t | 1.102 311 | tons (short) | 1 ton (short) | **0.907 184 74** | t |
| 1 kg | 0.000 984 21 | tons (long) | 1 ton (long) | **1016.046 908 8** | kg |
| 1 t | 0.984 206 5 | tons (long) | 1 ton (long) | **1.016 046 908 8** | t |
| | | | **CONCENTRATION** | | |
| 1 g/t | 0.029 166 6 | ounce (troy)/ ton (short) | 1 ounce (troy)/ ton (short) | 34.285 714 2 | g/t |
| 1 g/t | 0.583 333 33 | pennyweights/ ton (short) | 1 pennyweight/ ton (short) | 1.714 285 7 | g/t |

**OTHER USEFUL CONVERSION FACTORS**

| | | |
|---|---|---|
| 1 ounce (troy)/ton (short) | 20.0 | pennyweights/ton (short) |
| 1 pennyweight/ton (short) | 0.05 | ounce (troy)/ton (short) |

**One gram(g) per tonne is equivalent to one part per million (1 ppm).**

NOTE–Conversion factors which are in bold type are exact. The conversion factors have been taken from or have been derived from factors given in the Metric Practice Guide for the Canadian Mining and Metallurgical Industries published by The Mining Association of Canada in co-operation with the Coal Association of Canada.

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## ACCOMPANYING MAPS


Property Location Map - Map 1 - Properties 1-28
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Exploration Data Map - Map 3


Map Scale 1:31 680 or 1 inch to ½ mile

# DATA SOURCES CHECK LIST

NOTE: The following sources have been searched to compile the data for this area. If no reference data was found the appropriate box is marked 'no'; if reference data was found, the box is marked 'yes'.

All reference data found are included in the following pages. If the box is blank, the data source has not yet been searched. If the box is marked N.A., the source item is Not Applicable to this area and therefore not searched.

| | SOURCES OF DATA | Data | Initial |
|---|---|---|---|
| 1 | Resident Geologist's Office Files | Yes | D.P.A. |
| 2 | Assessment Files Research Office, Toronto | Yes | D.P.A. |
| 3 | ODM General Index; 9 Volumes | Yes | D.P.A. |
| 4 | Catalogue of Airborne Geophysical Surveys (ODM) | N.A. | D.P.A. |
| 5 | ODM Mineral Resources Circulars and OGS Mineral Deposits Circulars | Yes | D.P.A. |
| 6 | ODM Industrial Mineral Reports | No | D.P.A. |
| 7 | Bibliography of Post Precambrian Theses - Karrow (ODM MP 1) | No | D.P.A. |
| 8 | Bibliography of Precambrian Theses - Ginn (ODM MP 2) | No | D.P.A. |
| 9 | Newspaper Clippings File | Yes | D.P.A. |
| 10 | GSC Index to Publications | Yes | D.P.A. |
| 11 | OGS Index to Published Maps and Reports - MP 77 and Supplements to MP 77 | Yes | D.P.A. |
| 12 | OGS Index Maps | Yes | D.P.A. |
| 13 | Source Mineral Deposit Records (O.G.S.) | Yes | D.P.A. |
| 14 | Author - Subject Articles File | Yes | D.P.A. |
| 15 | Miscellaneous Papers: ODM & OGS | No | D.P.A. |
| 16 | ODM Geological Circulars: OGS Study Series | Yes | D.P.A. |
| 17 | ODM Preliminary Reports: ODM Bulletins | Yes | D.P.A. |
| 18 | ODM – OGS Open File Reports | Yes | D.P.A. |
| 19 | OGS Northern Ontario Engineering Geology Terrain Studies | Yes | D.P.A. |
| 20 | OGS Aggregate Resources Inventory Papers | N.A. | D.P.A. |
| 21 | OGS Mineral Potential Maps | Yes | D.P.A. |
| 22 | Theses on File, Cobalt | No | D.P.A. |
| 23 | Aerial Photographs on File, Cobalt | Yes | D.P.A. |
| | | | |

# METALS AND MINERALS REFERENCES LIST

▲ anh. . . . . .Anhydrite
△ ank. . . . . .Ankerite
△ anna . . . . . Annabergite
△ ap. . . . . .Apatite
△ arg . . . . . Argentite
▲ As . . . . . .Arsenic
△ asp . . . . . .Arsenopyrite
▲ asb . . . . . .Asbestos
△ ba. . . . . .Barite
△ be. . . . . .Beryl
▲ Bi. . . . . .Bismuth
△ bn . . . . . .Bornite
△ bran . . . . . .Brannerite
△ bruc . . . . . .Brucite
△ Cd . . . . . Cadmium
△ calc. . . . . Calcite
△ carb . . . . . .Carbonate
△ cel . . . . . .Celestite
△ cc. . . . . .Chalcocite
▲ cp. . . . . .Chalcopyrite
▲ ch. . . . . .Chert
△ clay . . . . . .Clay
▲ Co . . . . . Cobalt
△ cob. . . . . Cobaltite
△ cb. . . . . .Columbite
▲ Cu . . . . . .Copper
△ cor . . . . . Corundum
△ dol . . . . . Dolomite
△ ep. . . . . Epidote
△ ery . . . . . Erythrite
△ fel . . . . . .Feldspar
△ fl . . . . . .Fluorite (flurospar)
▲ fu. . . . . .Fuchsite
▲ gn. . . . . .Galena
△ gt. . . . . .Garnet
△ goe . . . . . .Goethite
▲ Au . . . . . Gold
▲ gf. . . . . .Graphite
△ gl . . . . . Gravel
△ gyp. . . . . .Gypsum
▲ hem . . . . . Hematite
△ il . . . . . .Ilmenite
△ Fe . . . . . .Iron
▲ IF. . . . . Iron Formation
△ jas . . . . . Jasper
△ kaol . . . . . .Kaolinite (kaolin)
△ ky . . . . . Kyanite
△ Pb . . . . . Lead
△ lim . . . . . Limonite
△ Li. . . . . Lithium
△ mgst . . . . . .Magnesite
▲ mag . . . . . .Magnetite
△ mc . . . . . .Malachite
△ Mn . . . . . Manganese
△ mb . . . . . .Marble
△ mar. . . . . Marcasite
△ ma . . . . . .Marl
△ mi . . . . . Mica
△ ml . . . . . .Millerite
△ mo . . . . . .Molybdenite
▲ Mo . . . . . .Molybdenum
△ mon . . . . . Monazite
△ ne. . . . . Nephelite (nepheline)
▲ nc. . . . . .Niccolite
▲ Ni. . . . . Nickel
△ Nb . . . . . .Niobium
△ Pd . . . . . .Palladium
△ peat . . . . . .Peat
△ pent . . . . . .Pentlandite
△ Pt. . . . . .Platinum
▲ py . . . . . .Pyrite
△ pyl . . . . . Pyrochlore
△ pyrl . . . . . .Pyrolusite
▲ po . . . . . .Pyrrhotite
△ q . . . . . .Quartz
△ qcv . . . . .Quartz carbonate vein
△ ra. . . . . .Radioactive minerals
△ RE . . . . . .Rare Earths
△ sd. . . . . Sand
△ sgl . . . . . Sand and gravel
△ ss . . . . . .Sandstone
△ scap . . . . . Scapolite
△ shee . . . . . .Scheelite
▲ serp . . . . . Serpentine
△ sh. . . . . .Shale
△ sid . . . . . Siderite
△ si . . . . . .Silica
▲ Ag . . . . . .Silver
△ sl . . . . . Slate
▲ sm . . . . . .Smaltite
△ sod . . . . . Sodalite
▲ spec . . . . . Specularite
▲ sp. . . . . .Sphalerite
△ spd . . . . . .Spodumene
△ staur . . . . . .Staurolite
△ stib. . . . . Stibnite
△ st . . . . . .Stone
△ talc. . . . . .Talc
△ Te . . . . . Tellurium
▲ td. . . . . Tetrahedrite
△ th. . . . . .Thorite
△ Th . . . . . .Thorium
△ thuc . . . . . Thucholite
△ ti . . . . . Titanite
△ Ti. . . . . Titanium
▲ tour . . . . . .Tourmaline
△ trap . . . . . Trap rock
△ W. . . . . Tungsten
△ uran . . . . . Uraninite
△ U . . . . . .Uranium
△ verm . . . . . .Vermiculite
△ Y . . . . . Yttrium
△ Zn . . . . . .Zinc
△ zr. . . . . Zircon
▲S . . . . . .Sulphides

**Solid triangles indicate metal and mineral occurrences shown on the accompanying maps** or listed in Drillhole Summary.

## MINERAL OCCURRENCES

| Map Ref. Letter | Name(s) | Mineralization | Source Mineral Deposit Record | References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports | Additional References and/or Remarks |
|---|---|---|---|---|---|
| A. | Shining Tree Lake Occurrence | IF | | MRC 11, p. 478 | ODM, 1923, I.O.C. Rpt., p. 205, 211<br>ODM, 1932, AR Vol. 41, pt. 2, p. 36 and Map 41b<br>GSC, 1917, Mem. 95, p. 124<br>ODM, 1927, Map 36c |
| B. | Matona Prospect (Redford Mines Ltd., Tough-Regan-Summerville) | Au - major<br>Mo, cp, py, gf | T 0301 | MDC 18, p. 184 | ODM, 1977, Map 2365<br>ODM, 1932, AR Vol. 41, pt. 2, p. 58 (Tough-Regan-Summerville)<br>ODM, 1977, GR 152, pp. 49,50 (Redford Mines Ltd.)<br>Tyrrell Tp. AF: Matona Gold Mines Ltd.<br>ODM, 1972, Map P.766 |
| C. | Minto Prospect (Dalhousie Oil Co. Ltd., Gordon) | Au - major<br>py | T 0303 | MDC 18, pp. 184-185<br>NMI 41P/10,11 Au 9 | Canadian Mines Handbook, 1940, p. 137<br>ODM, 1932, AR Vol. 41, pt.2, pp. 52-54 (Gordon Syndicate)<br>ODM, 1977, GR 152, pp. 41,42 (Dalhousie Oil Co. Ltd.) + Map 2365 |

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## MINERAL OCCURRENCES

| Map Ref. Letter | Name(s) | Mineralization | Source Mineral Deposit Record | References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports | Additional References and/or Remarks |
|---|---|---|---|---|---|
| C. cont. | Minto Prospect (Dalhousie Oil Co. Ltd., Gordon) | | | | Tyrrell Tp. AF: Wolfe (1946) |
| D. | Tyranite Mine (Hedlund) | Au - major<br>Ag, py - minor | T 0299 | NMI 41P/11 Au 8 | past producer, 1939-1942 30,352 oz. Au + 4,860 oz. Ag<br>ODM,1932, Vol. 41, pt. 2, pp. 49-52 (Hedlund)<br>ODM, 1977, GR 152, pp. 55,56 & Map 2365<br>ODM, 1972, Map P.766<br>Tyrrell Tp. AF: Tyranite Mines Ltd.<br>Northern Miner, 79-01-11, Dalhousie and, p. 22 |
| E. | Anglehart Prospect (Welsh-Mac, Welsh-Regan) | Au - major<br>py | T 0304 | MDC 18, p. 185 | ODM, 1977, GR 152, p. 36 (Anglehart, E.), pp. 56, 57 (Welsh-Regan) + Map 2365<br>Tyrrell Tp. AF: McBean (1945) Wolfe (1946) Getty Mines Ltd. Anglehart, E. |

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## MINERAL OCCURRENCES

| Map Ref. Letter | Name(s) | Mineralization | Source Mineral Deposit Record | References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports | Additional References and/or Remarks |
|---|---|---|---|---|---|
| F. | Bay Roc Occurrence | Au | | MDC 18, pp. 226-7 | Tyrrell Tp. AF: Bay Roc Mining Co. Ltd. |
| G. | Burroughs Occurrence | Au, py, po | | MDC 18, p. 227 | ODM, 1932, AR Vol. 41, pt. 2, p. 55<br>ODM, 1977, GR 152, p. 57,58 (Witherspoon, J.A.) and Map 2365 |
| H. | Cryderman Occurrence | Au, py | | MDC 18, p. 227 | ODM, 1977, GR 152, p. 41 and map 2365 |
| I. | Garvey Occurrence | Au | | MDC 18, p. 227 | ODM, 1932, AR Vol. 41, pt.2, p. 54<br>ODM, 1977, Map 2365 |
| J. | Johnston-Gardner Occurrence | Au | | MDC 18, p. 227 | ODM, 1932, Vol. 41, pt. 2, p. 54<br>ODM, 1977, Map 2365 |
| K. | LaFrance Occurrence | Au - major<br>Cu<br>py, cp | T 0302 | MDC 18, p. 227 | ODM, 1977, GR 152, p. 45,46 and Map 2365<br>Tyrrell Tp. AF: Burke (1936) McBean (1935) |

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## MINERAL OCCURRENCES

| Map Ref. Letter | Name(s) | Mineralization | Source Mineral Deposit Record | References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports | Additional References and/or Remarks |
|---|---|---|---|---|---|
| K. cont. | LaFrance Occurrence | | | | Northern Miner, 76-07-15, LaFrance Expl., p. 8 |
| L. | Byberg, A. | Au - major<br>As, py | T 0305 | | OGS, 1977, GR 152, pp. 39-40 and Map 2365 |
| M. | Duggan, Gardiner, Harkin | Au - major<br>Ag, Cu-minor<br>py, gf | T 0306 | | OGS, 1977, GR 152, p. 42 and Map 2365 |
| N. | Lorenzo - Shahen, Occurrence A | Au - major<br>Cu - minor<br>cp, py | T 0307 | | OGS, 1977, GR 152, p. 46 and Map 2365 |
| O. | Matachewan | Au - major | T 0308 | | OGS, 1977, GR 152, p. 46 and Map 2365 |
| P. | Mid-Tyrrell Matachewan, Gold, Occurrence A | Au - major | T 0309 | | OGS, 1977, GR 152, p. 48 and Map 2365 |

GDIF FORM NO. 1

## MINERAL OCCURRENCES

| Map Ref. Letter | Name(s) | Mineralization | Source Mineral Deposit Record | References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports | Additional References and/or Remarks |
|---|---|---|---|---|---|
| Q. | Mosher Lake (Benvan, Sinclair) | Ag - major<br>Co, cp, py | T 0300 | MRC 10, p. 412<br>NMI 41P/10 Ag 12 | OGS, 1977, GR 152, p. 60-61 and Map 2365<br>ODM, 1932, AR Vol. 41, pt. 2, and Map 41b<br>ODM, 1962, Map P.159 |
| R. | Currie | Co, Cu, Bi | | MRC 10, p. 412 | ODM, 1927, Vol. 36, pt. 2, p. 98 and Map 36c<br>ODM, 1962, Map P.151 |
| S. | Owl Lake (Timiskaming Nickel) | asb-major<br>Cu | T 0312 | | OGS, 1977, GR 152, p. 32 and Map 2365<br>Tyrrell Tp AF: Timiskaming Nickel Ltd. |
| T. | Timiskaming Nickel, Occurrence A | Au - major<br>Cu, py - minor | T 0310 | | OGS, 1977, GR 152, pp. 51-53 and Map 2365 |
| U. | Welsh-Mac Prospect (Welsh-Regan) | Au - major<br>Cu, py | T 0298 | | OGS, 1977, GR 152, p. 56-57 and Map 2365 |

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## MINERAL OCCURRENCES

| Map Ref. Letter | Name(s) | Mineralization | Source Mineral Deposit Record | References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports | Additional References and/or Remarks |
|---|---|---|---|---|---|
| V. | Witherspoon, J.A. | Au - major py | T 0311 | | OGS, 1977, GR 152, pp. 57-58 |
| W. | Unnamed - Claim GG.5849 | Au, py | | | OGS, 1972, Map P.766<br>OGS, 1977, Map 2365<br>Quartz vein in southwest corner of claim |
| X. | Hare Lake (Ranworth, Mining Corp. of Canada) | Cu, py, po | | | OGS, 1972, Map P.766<br>OGS, 1977, Map 2365 |
| Y. | Timiskaming Nickel Ltd., Occurrence B, Claim GG.6662 | Au, S, py | | | OGS, 1972, Map P.766<br>OGS, 1977, Map 2365<br>trenches |
| Z. | A. Decker, Occurrence A, - north of Claim GG.7015 | Au, S, py | | | OGS, 1972, Map P.766<br>OGS, 1977, Map 2365<br>quartz vein in trenches and pits |

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## MINERAL OCCURRENCES

| Map Ref. Letter | Name(s) | Mineralization | Source Mineral Deposit Record | References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports | Additional References and/or Remarks |
|---|---|---|---|---|---|
| AA. | A. Decker, Occurrence B - Claim 7015 | Au | | | OGS, 1972, Map P.766<br>OGS, 1977, Map 2365<br>Quartz vein in trenches |
| BB. | Ranworth (Elk Lake Mines) - Claim 7013 | Au, S, po, py | | | OGS, 1972, Map P.766<br>OGS, 1977, Map 2365<br>Trenches |
| CC. | Lorenzo - Shahen, Occurrence B - Claim 5903 | Au, cp, py Cu | | | OGS, 1972, Map P.766<br>OGS, 1977, Map 2365<br>Quartz vein |
| DD. | Lorenzo - Shahen, Occurrence C - Claim GG.5902 | Au, py | | | OGS, 1972, Map P.766<br>OGS, 1977, Map 2365<br>Quartz vein in trench |
| EE. | Mid-Tyrrell Matachewan Gold, Occurrence B | Au, Ag, Cu py, po | | | OGS, 1972, Map P.766<br>OGS, 1977, Map 2365 |

GDIF FORM NO. 1

## MINERAL OCCURRENCES

| Map Ref. Letter | Name(s) | Mineralization | Source Mineral Deposit Record | References in OGS Mineral Deposits Circulars & OGS Industrial Mineral Reports | Additional References and/or Remarks |
|---|---|---|---|---|---|
| FF. | Unnamed - southwest of Owl Lake | py | | | OGS, 1972, Map P.766<br>OGS, 1977, Map 2365 |

GDIF FORM NO. 1

TYRRELL TOWNSHIP

| TYPE OF WORK | | Numbers below represent the year in which the work was done; e.g., 68 for 1968. | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE COBALT<br>COMPANY/AUTHOR (file number) | | GEOLOGICAL | GEOCHEMICAL | TRENCHING, STRIPPING | DRILLING | ASSAY DATA | UNDERGROUND WORK | PROSPECTUS, NOTES, CORRESPONDENCE | AIRBORNE MAGNETOMETER | AIRBORNE ELECTROMAGNETIC | AIRBORNE RADIOMETRIC | GROUND MAGNETOMETER | GROUND ELECTROMAGNETIC | GROUND RADIOMETRIC | INDUCED POLARIZATON | SELF POTENTIAL | RESISTIVITY | | | |
| 1 | Anglehart, Edgar | | | | | | | 72 | | | | | | | | | | | | |
| a | Anglehart Property | | | | | | | | | | | 72 | | | | | | | | |
| b | Welsh-Mac Property | | | | | 72 | | | | | | 72 | 72 | | | | | | | |
| 2 | Bay Roc Mining Co. Ltd.<br>AFRO #2.1597 | 74 | | | 73 | | | 73<br>73 | | | | 73 | 73 | | | | | | | |
| 3 | Bengal Development Corp. Ltd. | | | | | | | 61<br>60 | | | | 60 | 60 | | | | | | | |
| 4 | Benvan Mines Ltd. | | | | 65 | | | 65 | | | | | | | | | | | | |
| 5 | Bruno, Henry | | | 70<br>71 | | | | | | | | | | | | | | | | |
| 6 | Cleroux, Danny | | | 70<br>71 | 71 | | | | | | | | | | | | | | | |
| 7 | Cryderman, J. | | | 31 | | | | | | | | | | | | | | | | |

GDIF FORM NO. 2

| TYPE OF WORK | | Numbers below represent the year in which the work was done; e.g., 68 for 1968. | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE COBALT | | GEOLOGICAL | GEOCHEMICAL | TRENCHING, STRIPPING | DRILLING | ASSAY DATA | UNDERGROUND WORK | PROSPECTUS, NOTES, CORRESPONDENCE | AIRBORNE MAGNETOMETER | AIRBORNE ELECTROMAGNETIC | AIRBORNE RADIOMETRIC | GROUND MAGNETOMETER | GROUND ELECTROMAGNETIC | GROUND RADIOMETRIC | INDUCED POLARIZATON | SELF POTENTIAL | RESISTIVITY | | | |
| COMPANY/AUTHOR (file number) | | | | | | | | | | | | | | | | | | | | |
| 8 | Cryderman, J. & McVittie, J. | | | | 45 | | | 45 | | | | | | | | | | | | |
| 9 | Decker, A.<br>AFRO #63.2415 | | | | | | | 69 | | | | 68 | 68 | | | | | | | |
| 10 | Dome Exploration (Canada) Ltd.<br>AFRO #2.3278 | | | | 81 | | | | | | | 79 | | | | | | | | |
| 11 | Elk Lake Mines Ltd. | 60 | | 59 | | | | | | | | 59 | | | | | | | | |
| 12 | Foxdale Mines Ltd., Clifford Marshall Hames<br>AFRO #2.1307 | 73 | | | | | | | | | | 73 | | | | | | | | |
| 13 | Getty Mines Ltd., Cripple Lake Group | 75 | 75 | | | | | | | | | 76 | 76 | | | | | | | |

GDIF FORM NO. 2

| TYPE OF WORK | | Numbers below represent the year in which the work was done; e.g., 68 for 1968. | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE COBALT<br>COMPANY/AUTHOR (file number) | | GEOLOGICAL | GEOCHEMICAL | TRENCHING, STRIPPING | DRILLING | ASSAY DATA | UNDERGROUND WORK | PROSPECTUS, NOTES, CORRESPONDENCE | AIRBORNE MAGNETOMETER | AIRBORNE ELECTROMAGNETIC | AIRBORNE RADIOMETRIC | GROUND MAGNETOMETER | GROUND ELECTROMAGNETIC | GROUND RADIOMETRIC | INDUCED POLARIZATON | SELF POTENTIAL | RESISTIVITY | | | |
| 14 | Getty Mines Ltd., Hare Lake Group | 75 | 75 | | | | | | | | | 76 | 76 | | | | | | | |
| 15 | Getty Mines Ltd., Juby Property AFRO #2.1558 | 74 | 74 | | 75 | 75 | | | | | | 75 | | | 75 | | | | | |
| 16 | Getty Mines Ltd., West Montreal River Group, Tyrrell and Knight Tps. | 75 | 75 | | | | | | | | | 76 | 76 | | | | | | | |
| 17 | Getty Mines Ltd., Foley Lake Group, Macmurchy, Tyrrell and Fawcett Tps. | 75 | 75 | | | | | | | | | 76 | | | | | | | | |
| 18 | Holmes | | | | | | | 48 | | | | | | | | | | | | |
| 19 | Iona Matachewan Syndicate | | | | | | | 32 | | | | | | | | | | | | |
| 20 | Juby, M. | | | | 66 | | | | | | | | | | | | | | | |

GDIF FORM NO. 2

| TYPE OF WORK | | Numbers below represent the year in which the work was done; e.g., 68 for 1968. | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE COBALT | | GEOLOGICAL | GEOCHEMICAL | TRENCHING, STRIPPING | DRILLING | ASSAY DATA | UNDERGROUND WORK | PROSPECTUS, NOTES, CORRESPONDENCE | AIRBORNE MAGNETOMETER | AIRBORNE ELECTROMAGNETIC | AIRBORNE RADIOMETRIC | GROUND MAGNETOMETER | GROUND ELECTROMAGNETIC | GROUND RADIOMETRIC | INDUCED POLARIZATON | SELF POTENTIAL | RESISTIVITY | | | |
| COMPANY/AUTHOR (file number) | | | | | | | | | | | | | | | | | | | | |
| 21 | LaFrance Explorations Ltd., AFRO #2.2168 | 76 | | | 76-77 | 76-77 | | 76 | | | | | | | | | | | | |
| 22 | LaFrance Gold Mines Ltd. | | | 45 | 47<br>58 | 36 | | 36<br>47<br>45 | | | | | | | | | | | | |
| 23 | Lundy, E. | | | | | | | 36 | | | | | | | | | | | | |
| 24 | Matachewan Consolidated Mines Ltd. | 45 | | | | 45 | | 45 | | | | | | | | | | | | |
| 25 | Matona Gold Mines Ltd. | | | 46<br>37 | 38 | 46<br>36<br>39<br>58<br>37 | 37 | 58<br>46<br>58<br>50<br>39 | | | | | | | | | | | | |
| 26 | Melisek, J.<br>optioned to Sylvanite Gold Mines Ltd. | | | 42 | | 42 | | 42 | | | | | | | | | | | | |

GDIF FORM NO. 2

| TYPE OF WORK | | Numbers below represent the year in which the work was done; e.g., 68 for 1968. | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE COBALT | COMPANY/AUTHOR (file number) | GEOLOGICAL | GEOCHEMICAL | TRENCHING, STRIPPING | DRILLING | ASSAY DATA | UNDERGROUND WORK | PROSPECTUS, NOTES, CORRESPONDENCE | AIRBORNE MAGNETOMETER | AIRBORNE ELECTROMAGNETIC | AIRBORNE RADIOMETRIC | GROUND MAGNETOMETER | GROUND ELECTROMAGNETIC | GROUND RADIOMETRIC | INDUCED POLARIZATON | SELF POTENTIAL | RESISTIVITY | | | |
| 27 | Mid-Tyrrell Matachewan Gold Ltd. | | | 34<br>35 | 36<br>49 | 36 | | 36 | | | | | | | | | | | | |
| 28 | Minto Gold Mines Ltd. | | | | | | 40 | 46<br>48<br>51<br>53<br>47 | | | | | | | | | | | | |
| 29 | Gordon Syndicate - see ODM, 1932, AR Vol. 41, pt. 2, p. 52-54 | | | 31 | 31 | 31 | | | | | | | | | | | | | | |
| 30 | Monpre Iron Mines Ltd.<br>AFRO #2.1825, 2.1779 | 75 | | | 75 | 75 | | | | | | 75 | | | | | | | | |
| 31 | Pettigrew, Col. E., Poloni claims, Mortson property | | | 64?<br>35 | | 48<br>46<br>36<br>38<br>39<br>53 | | 64<br>48<br>36<br>47<br>53<br>35 | | | | | | | | | | | | |

GDIF FORM NO. 2

| TYPE OF WORK | | Numbers below represent the year in which the work was done; e.g., 68 for 1968. | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE COBALT | | GEOLOGICAL | GEOCHEMICAL | TRENCHING, STRIPPING | DRILLING | ASSAY DATA | UNDERGROUND WORK | PROSPECTUS, NOTES, CORRESPONDENCE | AIRBORNE MAGNETOMETER | AIRBORNE ELECTROMAGNETIC | AIRBORNE RADIOMETRIC | GROUND MAGNETOMETER | GROUND ELECTROMAGNETIC | GROUND RADIOMETRIC | INDUCED POLARIZATON | SELF POTENTIAL | RESISTIVITY | | | |
| | COMPANY/AUTHOR (file number) | | | | | | | | | | | | | | | | | | | |
| 32 | Pettigrew, Col. E.<br>Porphyry Lake Claims | | | pre<br>36 | | 39<br>46 | | 48<br>39<br>47<br>45 | | | | | | | | | | | | |
| 33 | Pope, Alex R. | | | 75<br>74<br>76 | | | | | | | | | | | | | | | | |
| 34 | Ranworth Exploration | | | | 58 | | | | | | | | | | | | | | | |
| 35 | Rivers, Ernest J. | | | 72 | | | | | | | | | | | | | | | | |
| 36 | Saville, Stewart | | | 73 | | | | | | | | | | | | | | | | |
| 37 | Shahen, A. | | | 31 | | 31 | | | | | | | | | | | | | | |
| | optioned to Erie Canadian Mines Ltd. | 35 | | 35 | | 35 | | 35 | | | | | | | | | | | | |

GDIF FORM NO. 2

| TYPE OF WORK | | Numbers below represent the year in which the work was done; e.g., 68 for 1968. | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE COBALT<br>COMPANY/AUTHOR (file number) | | GEOLOGICAL | GEOCHEMICAL | TRENCHING, STRIPPING | DRILLING | ASSAY DATA | UNDERGROUND WORK | PROSPECTUS, NOTES, CORRESPONDENCE | AIRBORNE MAGNETOMETER | AIRBORNE ELECTROMAGNETIC | AIRBORNE RADIOMETRIC | GROUND MAGNETOMETER | GROUND ELECTROMAGNETIC | GROUND RADIOMETRIC | INDUCED POLARIZATON | SELF POTENTIAL | RESISTIVITY | RATIOGRAPH | | |
| 38 | Silver Dollar Mines Ltd. Tyrrell & Leonard Tps. | 47 | | | | | | | | | | | | | | | | | | |
| 39 | Sinclair Miller Mines Ltd. (Sinclair Prospecting Syndicate) | 61 | | | 62 | 62 | | | | | | | | | | | | 62 | | |
| 40 | Sloane Mining Co. Ltd., Sokoloff, T. claims<br>AFRO #2.1597 | 74 | | | 76 | | | | | | | 73 | 73 | | | | | | | |
| 41 | Stubbs, Darlene<br>AFRO #2.4381 | | 78<br>81 | | | | | | | | | | | | | | | | | |
| 42 | Sunbeam Exploration Co. Ltd. | 61 | | 61 | | 61 | | | | | | 61 | | | | | | | | |
| 43 | Timiskaming Nickel Ltd., Owl Lake Group<br>AFRO #2.644 | 71 | | | 68 | | | | | | | | | | | | | | | |

GDIF FORM NO. 2

| TYPE OF WORK | | Numbers below represent the year in which the work was done; e.g., 68 for 1968. | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE COBALT<br>COMPANY/AUTHOR (file number) | | GEOLOGICAL | GEOCHEMICAL | TRENCHING, STRIPPING | DRILLING | ASSAY DATA | UNDERGROUND WORK | PROSPECTUS, NOTES, CORRESPONDENCE | AIRBORNE MAGNETOMETER | AIRBORNE ELECTROMAGNETIC | AIRBORNE RADIOMETRIC | GROUND MAGNETOMETER | GROUND ELECTROMAGNETIC | GROUND RADIOMETRIC | INDUCED POLARIZATON | SELF POTENTIAL | RESISTIVITY | BENEFICATION | | |
| 44 | Temiskaming Nickel Ltd.<br>AFRO #2.605 | | | 70 | 67<br>68 | | | | 68 | 68 | | | | | | | | 71 | | |
| 45 | Welsh-Mac Mines Ltd.<br>(See property 46) | | | | | | | 45<br>46<br>46<br>40 | | | | | | | | | | | | |
| | Garvey, B. | | | 31 | | | | | | | | | | | | | | | | |
| | Welsh-Regan, 1934 | | | 34<br>35 | | | | | | | | | | | | | | | | |
| | optioned to Provincial Development Syndicate | | | ? | | | | | | | | | | | | | | | | |
| | optioned to Teck Hughes Mines Ltd., 1937 | | | | 38 | | | | | | | | | | | | | | | |
| | optioned to Hollinger Gold Mines Ltd., 1939 | | | 39 | 39 | | | | | | | | | | | | | | | |
| | Welsh-Mac Mines Ltd. | | | 44<br>45 | 46 | | 45 | | | | | | | | | | | | | |
| | optioned to Siscoe Gold Mines, 1945 | | | 45 | | | | | | | | | | | | | | | | |

GDIF FORM NO. 2

| TYPE OF WORK | | Numbers below represent the year in which the work was done; e.g., 68 for 1968. | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EXPLORATION DATA filed at the RESIDENT GEOLOGIST'S OFFICE COBALT<br>COMPANY/AUTHOR (file number) | | GEOLOGICAL | GEOCHEMICAL | TRENCHING, STRIPPING | DRILLING | ASSAY DATA | UNDERGROUND WORK | PROSPECTUS, NOTES, CORRESPONDENCE | AIRBORNE MAGNETOMETER | AIRBORNE ELECTROMAGNETIC | AIRBORNE RADIOMETRIC | GROUND MAGNETOMETER | GROUND ELECTROMAGNETIC | GROUND RADIOMETRIC | INDUCED POLARIZATON | SELF POTENTIAL | RESISTIVITY | | | |
| 46 | Tyranite Mines Ltd. (Sylvanite Mines Ltd.) Knight & Tyrrell Tps. | 40 | | | 40? | 31 | 39-42 | 78<br>51<br>33<br>31 | | | | | | | | | | | | |
| 47 | Tyranex Gold Inc., Gunnar Gold Inc., Mill City Gold Inc., Knight & Tyrrell Tps.<br>All data confidential at present. | 87 | | | 87<br>88 | 87<br>88 | 88 | | | | | 87 | 87 | | 87 | | | | | |
| 48 | Asquith Resources | | | 88 | | | | | | | | | | | | | | | | |
| 49 | Madson Red Lake Gold Mines Ltd. | | | | | | | 69 | | | | 69 | 69 | | | | | | | |



GDIF FORM NO. 2

# DRILLHOLE SUMMARY

| Map Drilling Location Number | Company Name | Company Drillhole Number | Date Drilled | Bearing Azimuth DEGREES | Initial Dip of Hole DEGREES | Thickness of Overburden FEET | Total Length of Hole FEET | Mineralization Noted in Log | Assay Data Included for |
|---|---|---|---|---|---|---|---|---|---|
| 1 | Bay Roc Mining Co. Ltd. | BR-1 | 1973 | 090 | -45 | 16 | 350 | py | |
| 2 | Bay Roc Mining Co. Ltd. | BR-2 | 1973 | 090 | -50 | 107 | 350 | py | |
| 3 | Bay Roc Mining Co. Ltd. | BR-3 | 1973 | 090 | -45 | 10 | 401 | py | Au |
| 4 | Benvan Mines Ltd. | 65-1 | 1965 | 000 | | | | | |
| | | 65-2 | 1965 | 180 | -45 | 30 | 247.6 | py, cp, sm | Ag |
| | | 65-3 | 1965 | 180 | -45 | 10.5 | 147 | py, cp | Ag |
| | | 65-3A | 1965 | 180 | -45 | 12.4 | 261 | | Ag |
| | | 65-4 | 1965 | 180 | | | | | |
| | | 65-5X | 1965 | 150 | | 10 | 451 | py | |
| | | 65-6 | 1965 | 180 | -45 | 3.5 | 254 | py, sm, nc cp, anh, Ag | Ag |
| | | 65-7 | 1965 | 180 | | | | | |
| | | 65-8 | 1965 | 180 | -45 | 4 | 303.6 | py, sm, hem | |
| | | 65-9 | 1965 | 180 | -45 | 10 | 377 | py, cp, gn | |
| | | 65-10 | 1965 | 180 | | | | | |
| | | 65-11 | 1965 | 180 | | | | | |
| | | 65-12 | 1965 | 180 | | | | | |
| | | 65-13 | 1965 | 180 | | | | | |
| | | 65-14 | 1965 | 180 | -45 | 40 | 349 | py, sm, gn | |
| | | 65-19 | 1965 | | | | | | |

GDIF FORM NO. 3

## DRILLHOLE SUMMARY

| Map Drilling Location Number | Company Name | Company Drillhole Number | Date Drilled | Bearing Azimuth DEGREES | Initial Dip of Hole DEGREES | Thickness of Overburden FEET | Total Length of Hole FEET | Mineralization Noted in Log | Assay Data Included for |
|---|---|---|---|---|---|---|---|---|---|
| 4 cont. | Benvan Mines Ltd. | 65-20 | 1965 | 045 | | 122 | 300 | py | |
| 5 | Benvan Mines Ltd. | 65-15 | 1965 | 345 | | | | | |
| | | 65-16 | 1965 | 250 | | | | | |
| 6 | Benvan Mines Ltd. | 65-17 | 1965 | 210 | -45 | 12 | 487.5 | py, hem | |
| 7 | Benvan Mines Ltd. | 65-18 | 1965 | 330 | | | | | |
| 8 | Benvan Mines Ltd. | 65-19 | 1965 | 310 | | | | | |
| 9 | Cleroux, Danny | 1 | 1971 | 004 | | 0 | 28.6 | cp, py, Cu | |
| 10 | Cryderman & McVittie | 1945 | 3 holes drilled, no logs | | | | | | |
| 11 | Dome Exploration (Canada) Ltd. | 139-3 | 1981 | 225 | -46 | 12 | 406 | hem, py | |
| | | 139-4 | 1981 | 225 | -44 | 61 | 413 | py, hem | |
| 12 | Dome Exploration (Canada) Ltd. | 139-5 | 1981 | 195 | -44 | 30 | 406 | py, hem | |

GDIF FORM NO. 3



## ODM GENERAL INDEX SEARCH

The ODM Indexes have been searched to locate data for the following entries. A "Y" in the Index Volume column indicates that information for that entry is contained in that volume. To find an entry, look in the pages following this list under the correct volume number. The large amount of data prohibits detailing all the subheadings for each entry, but all the reference pages are recorded. For more detail, see the respective Index Volume.

| WORDS SEARCHED | INDEX VOLUME | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| Amax Potash Ltd. | | | | | | | | | |
| Anglehart, Edgar | | | | | | | | | Y |
| Arthur Lake Mines Ltd. | | | | | | | | Y | |
| Associated Porcupine Mines Ltd. | | | | | | | | | Y |
| Bay Roc Mining Co. Ltd. | | | | | | | | | |
| Bengal Development Corp. Ltd. | | | | | | | | | Y |
| Benvan Mines Ltd. | | | | | | | | | Y |
| Big Divide Gold Mines Ltd. | | | Y | | | | | | Y |
| Bobtail Creek | | | | | | | | | |
| Bobtail Lake | | | | | | | | | Y |
| Boot Lake | | | | | | | | | |
| Breeze Creek | | | | | | | | | |
| Breeze Lake | | | Y | | | | | | Y |
| Bruno, Henry | | | | | | | | | |
| Burroughs, Charles | | | Y | | | | | | Y |
| Byberg, Andrew | | | | | | | | | Y |
| Cleroux, Danny F. | | | | | | | | | Y |
| Cond Lake | | | | | | | | | |
| Coniagas Mines Ltd. | | | | | | | | | |
| Consolidated Mining & Smelting Ltd. | | | | | | | | | Y |
| Cripple Lake | | | Y | | | | | | |
| Cryderman, James | | | Y | | | | | | Y |
| Currie, W.F. | | | Y | | | | | | |

## DRILLHOLE SUMMARY

| Map Drilling Location Number | Company Name | Company Drillhole Number | Date Drilled | Bearing Azimuth DEGREES | Initial Dip of Hole DEGREES | Thickness of Overburden FEET | Total Length of Hole FEET | Mineralization Noted in Log | Assay Data Included for |
|---|---|---|---|---|---|---|---|---|---|
| 13 | Dome Exploration (Canada) Ltd. | 139-6 | 1981 | 180 | -45 | 36 | 118.6 | py, cp, hem | |
| | | 139-6A | 1981 | 180 | -50 | 34 | 406 | py, cp | |
| 14 | Dome Exploration (Canada) Ltd. | 139-18 | 1981 | | -44 | 138 | 406 | py | |
| 15 | Getty Mines Ltd. | J-75-1 | 1975 | 005 | -45 | 8 | 227 | py, fu | Au |
| | | J-75-2 | 1975 | 185 | -45 | 12 | 208 | py, hem | Au |
| 16 | Getty Mines Ltd. | J-75-3 | 1975 | 185 | -45 | 12 | 418 | py, cp, td | Au, Ag, Cu |
| 17 | Getty Mines Ltd. | J-75-4 | 1975 | 185 | -45 | 8 | 307 | py | Au |
| 18 | Getty Mines Ltd. | J-75-5 | 1975 | 185 | -45 | 16 | 457 | py | Au, Ag |
| | | J-75-10 | 1975 | 185 | -55 | 4 | 332 | py, mag | Au, Ag |
| 19 | Getty Mines Ltd. | J-75-6 | 1975 | 185 | -45 | 20 | 440 | py, mag | |
| 20 | Getty Mines Ltd. | J-75-7 | 1975 | 185 | -45 | 34 | 463 | py | Au |
| 21 | Getty Mines Ltd. | J-75-8 | 1975 | 005 | -45 | 24 | 387 | py, gf, fu | Au |

GDIF FORM NO. 3

## DRILLHOLE SUMMARY

| Map Drilling Location Number | Company Name | Company Drillhole Number | Date Drilled | Bearing Azimuth DEGREES | Initial Dip of Hole DEGREES | Thickness of Overburden FEET | Total Length of Hole FEET | Mineralization Noted in Log | Assay Data Included for |
|---|---|---|---|---|---|---|---|---|---|
| 22 | Getty Mines Ltd. | J-75-9 | 1975 | 185 | -45 | 18 | 193 | py, fu, gf | |
| 23 | Juby, M. | | 1966 | 090 | -50 | 17 | 246 | py, cp, sp | |
| 24 | LaFrance Explorations Ltd. | L-1 | 1976 | 075 | -45 | 10 | 172 | py, spec | Au |
| | | L-2 | 1976 | 075 | -65 | 12 | 128 | py | Au |
| | | L-3 | 1976 | 090 | -45 | 12 | 179 | py | |
| | | L-4 | 1976 | 090 | -65 | 10 | 154 | py, po | |
| | | L-5 | 1976-77 | 090 | -45 | 17 | 341 | py, cp | |
| 25 | LaFrance Explorations Ltd. | L-6 | 1977 | 090 | -45 | 9 | 204 | py, po, cp | |
| | | L-7 | 1977 | 090 | -45 | 7 | 225 | py, Au | Au |
| 26 | LaFrance Gold Mines Ltd. | 1 | 1958 | 275 | -62 | 2 | 43 | py | |
| 27 | LaFrance Gold Mines Ltd. | 2 | 1958 | 067 | -60 | 2.5 | 26 | py | |
| 28 | LaFrance Gold Mines Ltd. | 3 | 1958 | 082 | -40 | 2 | 32 | py | |
| 29 | LaFrance Gold Mines Ltd. | | 1947 | 5,000' | DDH reported, no logs or location | | | | |

GDIF FORM NO. 3

## DRILLHOLE SUMMARY

| Map Drilling Location Number | Company Name | Company Drillhole Number | Date Drilled | Bearing Azimuth DEGREES | Initial Dip of Hole DEGREES | Thickness of Overburden FEET | Total Length of Hole FEET | Mineralization Noted in Log | Assay Data Included for |
|---|---|---|---|---|---|---|---|---|---|
| 30 | Matona Gold Mines Ltd. | 1 | 1938 | | -70 | | 317 | | Au, Ni, Co |
| | | 2 | 1938 | | -70 | | 307 | | |
| | | 3 | 1938 | | | | 298 | | |
| | | 4 | 1938 | | | | 362 | | Au |
| 31 | Mid-Tyrrell Matachewan Gold Ltd. | H-1 | 1949 | 7 DDH | totalling | 1,387' | | | |
| 32 | Mid-Tyrrell Matachewan Gold Ltd. | H-2 | 1949 | 255 | -47 | 25 | 676 | py, po | |
| 33 | Mid-Tyrrell Matachewan Gold Ltd. | H-3 | 1949 | 250 | -37 | 10 | 718 | py | |
| | | H-4 | 1949 | 250 | -45 | 9 | 367 | | |
| | | H-5 | 1949 | 070 | -45 | 12 | 302 | py | |
| 34 | Mid-Tyrrell Matachewan Gold Ltd. | 1 | 1936 | 057 | -45 | | | | Au |
| | | 2 | 1936 | 053 | -50 | | | | Au |
| | | 3 | 1936 | 053 | -49 | | | | Au |
| | | 4 | 1936 | 053 | -48 | | | | Au |

GDIF FORM NO. 3

# DRILLHOLE SUMMARY

| Map Drilling Location Number | Company Name | Company Drillhole Number | Date Drilled | Bearing Azimuth DEGREES | Initial Dip of Hole DEGREES | Thickness of Overburden FEET | Total Length of Hole FEET | Mineralization Noted in Log | Assay Data Included for |
|---|---|---|---|---|---|---|---|---|---|
| 35 | Gordon Syndicate | 1 | 1931 | 070 | -45 | | total 1000' | | Au (average assay) |
| | | 2 | 1931 | 070 | -45 | | | | |
| | | 3 | 1931 | 015 | -45 | | | | |
| | | 4 | 1931 | 045 | -45 | | | | |
| | | 5 | 1931 | 145 | -45 | | | | |
| | | 6 | 1931 | 135 | -45 | | | | |
| | | 7 | 1931 | 070 | -45 | | | | |
| 36 | Monpre Iron Mines Ltd. | 75-1 | 1975 | 270 | -45 | 0 | 301 | py, tour, po | Au |
| 37 | Ranworth Exploration | 1 | 1958 | 330 | -45 | | 100 | | |
| | | 2 | 1958 | 180 | -45 | | 100 | | |
| | | 3 | 1958 | 340 | -45 | | 100 | | |
| | | 4 | 1958 | 180 | -45 | | 100 | | |
| | | 5 | 1958 | 330 | -45 | | 100 | | |
| | | 6 | 1958 | 180 | -45 | | 100 | | |
| 38 | Ranworth Exploration | 7 | 1958 | 330 | -45 | | 100 | | |
| | | 8 | 1958 | 180 | -45 | | 100 | | |
| | | 9 | 1958 | 330 | -45 | | 100 | | |
| | | 10 | 1958 | 180 | -45 | | 100 | | |
| | | 11 | 1958 | 330 | -45 | | 100 | | |
| | | 12 | 1958 | 180 | -45 | | 100 | | |

GDIF FORM NO. 3

## DRILLHOLE SUMMARY

| Map Drilling Location Number | Company Name | Company Drillhole Number | Date Drilled | Bearing Azimuth DEGREES | Initial Dip of Hole DEGREES | Thickness of Overburden FEET | Total Length of Hole FEET | Mineralization Noted in Log | Assay Data Included for |
|---|---|---|---|---|---|---|---|---|---|
| 39 | Sinclair Miller Mines Ltd. | 1 | 1962 | 100 | -45 | 0 | 101.5 | py, cp, gn | Ag |
| | | 2 | 1962 | 120 | -55 | 0 | 33 | cp | Ag |
| | | 3 | 1962 | 135 | -75 | 0 | 116 | py, cp, gn | Ag |
| 40 | Sloane Mining Co. Ltd. | S-1 | 1976 | 270 | -47 | 13.2 | 221 | py, po | |
| | | S-2 | 1976 | 270 | -46 | 8.1 | 132 | py, po, cp | |
| 41 | Sloane Mining Co. Ltd. | S-3 | 1976 | 263 | -45 | 4 | 284 | py | |
| 42 | Sloane Mining Co. Ltd. | S-4 | 1976 | 260 | -45 | 18 | 18 | abandoned | |
| | | S-4a | 1976 | 260 | -45 | 21 | 21 | abandoned | |
| | | S-5 | 1976 | 260 | -45 | 12 | 326 | py | |
| 43 | Timiskaming Nickel Ltd. | 0-1 | 1968 | 033 | -45 | 28 | 628 | serp | |
| | | 0-2 | 1968 | 147 | -45 | 22 | 501 | serp | |
| | | 0-3 | 1968 | 147 | -45 | 16 | 213 | | |
| | | 0-4 | 1968 | 270 | -45 | 36 | 536 | | |
| 44 | Timiskaming Nickel Ltd. | J-5 | 1967 | 270 | -45 | 44 | 548 | | |
| | | J-6 | 1967 | 270 | -45 | 20 | 473 | serp | |

GDIF FORM NO. 3

## DRILLHOLE SUMMARY

| Map Drilling Location Number | Company Name | Company Drillhole Number | Date Drilled | Bearing Azimuth DEGREES | Initial Dip of Hole DEGREES | Thickness of Overburden FEET | Total Length of Hole FEET | Mineralization Noted in Log | Assay Data Included for |
|---|---|---|---|---|---|---|---|---|---|
| 45 | Timiskaming Nickel Ltd. | J-7 | 1968 | 090 | -45 | 14 | 505 | | |
| | | J-8 | 1968 | 090 | -45 | 10 | 507 | serp | |
| 46 | Timiskaming Nickel Ltd. | J-9 | 1968 | 270 | -45 | 18 | 365 | IF, gf, ch | |
| | | J-10 | 1968 | 090 | -45 | 20 | 278 | serp, IF, gf | |
| | | J-11 | 1968 | 270 | -45 | 8 | 401 | serp, IF | |
| | | J-12 | 1968 | 270 | -45 | 20 | 305 | IF, gf, py | |
| 47 | Timiskaming Nickel Ltd. | TBL-1 | 1968 | 000 | -45 | 6 | 502 | serp, py | |
| 48 | Timiskaming Nickel Ltd. | TBL-2 | 1968 | 180 | -45 | 24 | 300 | serp | |
| 49 | Teck-Hughes Mines Ltd., Welsh-Mac property | 1 | 1938 | 248 | -32 | 4 | 362 | py | Au |
| | | 2 | 1938 | 022 | -37 | 2 | 259 | py | Au |
| | | 2A | 1938 | 022 | -60 | 2 | 432 | py | Au |
| | | 3 | 1938 | 022 | -37 | 4 | 302 | py | Au |
| | | 4 | 1938 | 022 | -45 | 49 | 305 | py | Au |
| | | 4A | 1938 | 022 | -55 | 48 | 519 | py | Au |
| | | 5 | 1938 | 022 | -55 | 5.5 | 478.1 | py | Au |
| | | 6 | 1938 | 022 | -45 | 15 | 322.5 | py | Au |
| | | 7 | 1938 | | -60 | 2.2 | 205.3 | py, cp | Au |
| | | 8 | 1938 | 200 | -45 | 3 | 288 | py | Au |

GDIF FORM NO. 3

## DRILLHOLE SUMMARY

| Map Drilling Location Number | Company Name | Company Drillhole Number | Date Drilled | Bearing Azimuth DEGREES | Initial Dip of Hole DEGREES | Thickness of Overburden FEET | Total Length of Hole FEET | Mineralization Noted in Log | Assay Data Included for |
|---|---|---|---|---|---|---|---|---|---|
| 50 | Hollinger Gold Mines Ltd., Welsh-Mac property | | 1939 | Several thousand feet reportedly drilled (McBean, 1945) | | | | | |
| 51 | Welsh-Mac Mines Ltd. | | 1946 | Free gold over a 15' section. Two drills working (Wolfe, 1946) | | | | | |
| 52 | Tyranite Mines Ltd. | 2 | 1940? | 075 | -45 | | 224 | | Au |
| | | 3 | 1940? | 075 | -45 | | 247 | | Au |
| | | 4 | 1940? | 085 | -45 | | | | |
| | | 5 | 1940? | 085 | -45 | | 215 | | Au |
| | | 8 | 1940? | 080 | -65 | | 254 | | Au |
| | | 9 | 1940? | 080 | -63 | | 238 | | Au |
| | | 10 | 1940? | 080 | | | | | |
| | | 11 | 1940? | 090 | -50 | | 933 | | Au |
| | | 12 | 1940? | 082 | | | | | |
| | | 15 | 1940? | 225 | | | | | Au |
| | | 16 | 1940? | 260 | -45 | | | | Au |
| | | 17 | 1940? | 095 | | | | | Au |
| | | 18 | 1940? | 080 | | | | | |
| | | 19 | 1940? | 080 | | | | | |
| | | 22 | 1940? | 085 | | | | | |
| | | 95 | 1940? | 080 | | | | | |

GDIF FORM NO. 3

# DRILLHOLE SUMMARY

| Map Drilling Location Number | Company Name | Company Drillhole Number | Date Drilled | Bearing Azimuth DEGREES | Initial Dip of Hole DEGREES | Thickness of Overburden FEET | Total Length of Hole FEET | Mineralization Noted in Log | Assay Data Included for |
|---|---|---|---|---|---|---|---|---|---|
| 52 cont. | Tyranite Mines Ltd. | 98 | 1940? | 085 | | | | | |
| 53 | Tyranite Mines Ltd. | 96 | 1940? | 080 | | | | | |
| | | 97 | 1940? | 080 | | | | | |
| | | 99 | 1940? | 080 | | | | | |
| | | 100 | 1940? | 080 | | | | | |
| | | 101 | 1940? | 080 | | | | | |
| | | 103 | 1940? | 100 | | | | | |
| | | 111 | 1940? | 075 | | | | | |
| | | 112 | 1940? | 080 | | | | | |
| | | 146 | 1940? | 080 | | | | | |
| | | 147 | 1940? | 080 | | | | | |
| | | 148 | 1940? | 080 | | | | | |
| 54 | Tyranite Mines Ltd. | 224 | 1940? | 290 | | | | | |
| | | 225 | 1940? | 110 | | | | | |
| 55 | Tyranex Gold Inc. | | 1987 | Several thousand feet of drilling. | | | | | |
| | | | 1988 | Logs confidential at present. | | | | | |

GDIF FORM NO. 3

# AIRBORNE GEOPHYSICAL SURVEY DATA

| No. | By / For | Type of Survey | Flight Altitude | Flight Line Direction | Flight Line Spacing |
|---|---|---|---|---|---|
| | No data available as of February 10, 1989 | | | | |

GDIF FORM NO. 4

## GEOCHEMICAL SURVEY DATA

| Map Sample Site Reference Number | Type of Survey | Analysis For | By | Reference |
|---|---|---|---|---|
| 1 | B horizon soil samples | Copper and zinc by hot nitric-hydrochloric-acid process and atomic absorption | by: Bondar-Clegg & Co. Ltd.<br>for: Getty Mines Ltd. | Tyrrell Tp. AF: Getty Mines Ltd., Cripple Lake Group |
| 2 | B horizon soil samples | Copper and zinc by hot nitric-hydrochloric-acid process and atomic absorption | by: Bondar-Clegg Co. Ltd.<br>for: Getty Mines Ltd. | Tyrrell Tp. AF: Getty Mines Ltd., Hare Lake Group |
| 3 | Soil and rock chip samples | Gold, copper, sulphur by $HNO_3$ - HCl process, atomic absorption and X-ray fluorescence | by: X-Ray Laboratories<br>for: Getty Mines Ltd. | Tyrrell Tp. AF: Getty Mines Ltd., Juby property |
| 4 | B horizon soil samples | Copper and zinc by hot nitric-hydrochloric-acid process and atomic absorption | by: Bondar-Clegg Co. Ltd.<br>for: Getty Mines Ltd. | Tyrrell Tp. AF: Getty Mines Ltd., West Montreal River Group |
| 5 | B horizon soil samples | Copper and zinc by hot nitric-hydrochloric-acid process and atomic absorption | by: Bondar-Clegg Co. Ltd.<br>for: Getty Mines Ltd. | Macmurchy Tp. AF: Getty Mines Ltd., Foley Lake Group |

GDIF FORM NO. 5

## GEOCHEMICAL SURVEY DATA

| Map Sample Site Reference Number | Type of Survey | Analysis For | By | Reference |
|---|---|---|---|---|
| 6 | B horizon soil samples | Cu, Ag, Au | by: Bell-White Analytical Laboratories Ltd.<br>for: Darlene Stubbs | Tyrrell Tp. AF: Stubbs, Darlene 1981 |
| 6 | B horizon soil samples | Cu, Au | by: Swastika Laboratories Ltd.<br>for: Darlene Stubbs | Tyrrell Tp. AF: Stubbs, Darlene 1978 |

GDIF FORM NO. 5

# MISCELLANEOUS DATA

## AGE DATING

| Site | Method | Material | Reference | Result |
|---|---|---|---|---|
| | No data available as of February 10, 1989. | | | |

# NEWSPAPER CLIPPINGS FILE

NOTE: A file of newspaper clippings about the companies listed below, who have worked in this area, is maintained in the Regional/Resident Geologist's Office, Cobalt.

Bengel Development Corp. Ltd.
Benvan Mines Ltd.
Coniagas Mines Ltd.
Duncan Gold Resources Inc.
Elk Lake Mines Ltd.
Gunnar Gold & Mill City Gold Inc.
Iona Matachewan Syndicate
Matona Gold Mines Ltd.
Mining Corp. of Canada Ltd.
Minto Gold Mines Ltd.
Nipissing Mines Ltd.
Sinclair Miller Mines Ltd.
Tyranex Gold Inc.
Tyranex Mines Ltd.
Ventures Ltd.
Walker Silver Co. Ltd.

# ODM GENERAL INDEX SEARCH

The ODM Indexes have been searched to locate data for the following entries. A "Y" in the Index Volume column indicates that information for that entry is contained in that volume. To find an entry, look in the pages following this list under the correct volume number. The large amount of data prohibits detailing all the subheadings for each entry, but all the reference pages are recorded. For more detail, see the respective Index Volume.

| WORDS SEARCHED | INDEX VOLUME | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| Dalhousie Oil Co. Ltd. | | | | | | | | | Y |
| Decker, A. | | | | | | | | Y | Y |
| Dome Exploration (Canada) Ltd. | | | | | | | | | |
| Duggan, H. | | | | | | | | | Y |
| Duggan, L. | | | | | | | | | Y |
| Duncan Lake | Y | | Y | | | | | | Y |
| Elk Lake Mines Ltd. | | | | | | | | | Y |
| Eric Canadian Mines Ltd. | | | | | | | | | Y |
| Foley Lake | | | | | | | | | Y |
| Foxdale Mines Ltd. | | | | | | | | | |
| Foxhead Lake | | | | | | | | | |
| Gardiner, H.D. | | | | | | | | | Y |
| Garvey, B. | | | Y | | | | | | Y |
| Getty Mines Ltd. | | | | | | | | | |
| Golden Regan Syndicate | | | Y | | | | | | Y |
| Gordon Lake | | | | | | | | | |
| Gordon Syndicate | | | Y | | | | | | Y |
| Gunnar Gold Inc. | | | | | | | | | |
| Hames, Clifford Marshall | | | | | | | | | |
| Hare Creek | | | | | | | | | Y |
| Hare Lake | | | Y | | | | | | Y |
| Harkin, T.L. | | | | | | | | | Y |
| Hedlund, L.O. | Y | Y | Y | | | | | | |
| Hilltop Mines Ltd. | | | Y | | | | | | Y |

# ODM GENERAL INDEX SEARCH

The ODM Indexes have been searched to locate data for the following entries. A "Y" in the Index Volume column indicates that information for that entry is contained in that volume. To find an entry, look in the pages following this list under the correct volume number. The large amount of data prohibits detailing all the subheadings for each entry, but all the reference pages are recorded. For more detail, see the respective Index Volume.

| WORDS SEARCHED | INDEX VOLUME | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| Hollinger Gold Mines Ltd. | | | | | | | | | Y |
| Holmes | | | | | | | | | Y |
| Hore, R.E. | | | | | | | | | |
| Hydro Creek | | | | | | | | Y | Y |
| Hydro Lake | | | | | | | | | Y |
| Indian Lake | | | Y | | | | | | Y |
| Iona Matachewan Syndicate | | | Y | | | | | | Y |
| Johnston | | | Y | | | | | | Y |
| Juby, M. | | | | | | | | | |
| Kirkland Hudson Bay Gold Mines Ltd. | | Y | | | | Y | | | |
| LaFrance Explorations Ltd. | | | | | | | | | Y |
| LaFrance Gold Mines Ltd. | | | Y | Y | | | | | |
| Leonard Silver Mines Ltd. | | Y | | | | | | | |
| Lorenzo, F.A. | | | | | | | | | Y |
| Lundy, E. | | | | | | | | | |
| McIntyre Gold Mines Ltd. | | | | | | | | | Y |
| McIntyre Lake | | | Y | | | | | | Y |
| McIntyre Porcupine Mines Ltd. | | | | | | | | | Y |
| McLaren, G.R. | | | | | | | | | Y |
| McNeely Matachewan Syndicate | | | Y | | | | | | Y |
| McVittie, J. | | | | | | | | | |
| Madsen Red Lake Gold Mines Ltd. | | | | | | | | | |
| Martel | | | Y | | | | | | |

# ODM GENERAL INDEX SEARCH

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| WORDS SEARCHED | INDEX VOLUME | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| Matachewan Consolidated Mines Ltd. | | | | | | | | | Y |
| Matona Gold Mines Ltd. | | | Y | | | | | Y | |
| Matona Golds Ltd. | | | | Y | | | | | |
| Matona Mining Syndicate | | | | | | | | | Y |
| Melisek, J. | | | | | | | | | |
| Mid-Tyrrell Matachewan Gold Ltd. | | | Y | | | | | | Y |
| Mill City Gold Inc. | | | | | | | | | |
| Milly Lake | | | | | | | | | Y |
| Mining Corp. of Canada Ltd. | | | Y | | | | | | Y |
| Minto Gold Mines Ltd. | | | | | | | | | Y |
| Monpre Iron Mines Ltd. | | | | | | | | | |
| Montreal River | Y | | | | | | | | |
| Mosher Lake | | | | | | | | Y | Y |
| Moss Lake | | | | | | | | | |
| Muskrat Lake | | | | | | | | | |
| Nipissing Mining Co. Ltd. | | | Y | | | | | | Y |
| Notround Lake | | | | | | | | | |
| O'Brien, M.J. | | | | | | | | | Y |
| Owl Lake | | | | | | | | | Y |
| Pear Lake | | | | | | | | | |
| Pettigrew, Col. E. | | | | | | | | | Y |
| Poloni | | | | | | | | | Y |
| Pope, Alex E. | | | | | | | | | Y |

# ODM GENERAL INDEX SEARCH

The ODM Indexes have been searched to locate data for the following entries. A "Y" in the Index Volume column indicates that information for that entry is contained in that volume. To find an entry, look in the pages following this list under the correct volume number. The large amount of data prohibits detailing all the subheadings for each entry, but all the reference pages are recorded. For more detail, see the respective Index Volume.

| WORDS SEARCHED | INDEX VOLUME | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| Porphyry Lake | | | | | | | | | Y |
| Provincial Development Syndicate | | | | | | | | | Y |
| Putnam, J.S. | | | | | | | | | Y |
| Ranworth Exploration | | | | | | Y | | | Y |
| Reford Mines Ltd. | | | | | | | | | |
| Regan | | | Y | | | | | | Y |
| Rivers, Ernest J. | | | | | | | | | |
| Rosalie Lake | | | | | | | | | |
| Saville, Stewart | | | | | | | | | |
| Saville, Thomas | | | Y | | | | | | |
| Scott, P.G. | | | | | | | | | |
| Shahen, A. | | | Y | | | | | | Y |
| Silver Dollar Mines Ltd. | Y | | | Y | | | | | |
| Sinclair Miller Mines Ltd. | | | | | | | | | Y |
| Sinclair Prospecting Syndicate | | | | | | | | | Y |
| Siscoe Gold Mines Ltd. | | | | | | | | | Y |
| Slim Lake | | | | | | | | | Y |
| Sloane Mining Co. Ltd. | | | | | | | | | Y |
| Sokoloff, T. | | | | | | | | | |
| Soot Lake | | | Y | | | | | | Y |
| Sorbel | | | Y | | | | | | |
| Spade Creek | | | | | | | | | |
| Spade Lake | | | Y | | | | | | Y |
| Spears | | | | | | | | | |

# ODM GENERAL INDEX SEARCH

The ODM Indexes have been searched to locate data for the following entries. A "Y" in the Index Volume column indicates that information for that entry is contained in that volume. To find an entry, look in the pages following this list under the correct volume number. The large amount of data prohibits detailing all the subheadings for each entry, but all the reference pages are recorded. For more detail, see the respective Index Volume.

| WORDS SEARCHED | INDEX VOLUME | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| Stubbs, Darlene | | | | | | | | | |
| Summerville | | | | | | | | | |
| Sunbeam Exploration Co. Ltd | | | | | | Y | | | Y |
| Sutherland, Wm. Don | | | | | | | | | Y |
| Sylvanite Mines Ltd. | | | | | | | | | |
| Teck-Hughes Mines Ltd. | | | | | | | | | |
| Timiskaming Nickel Ltd. | | | | | | | | | |
| Tough-Regan-Summerville | | | Y | | | | | | |
| Tyranex Gold Inc. | | | | Y | | | | | |
| Tyranite Mines Ltd. | | | Y | Y | Y | Y | Y | Y | Y |
| Tyrrell Township | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| Upper Notch Dam | | | | | | | | | |
| Ventures Ltd. | | | Y | | | | | | Y |
| Waite, J.C. | | | Y | | | | | | Y |
| Waite Syndicate | | | | | | | | | Y |
| Walker Silver Mines Ltd. | | | Y | | | | | | |
| Wapus Creek | | | Y | | | | | | Y |
| Welsh, George | | | | | | | | | Y |
| Welsh-Mac Mines Ltd. | | | | Y | | | | | Y |
| Welsh-Regan | | | | | | | | | Y |
| West Branch, Montreal River | | | Y | | | | | | |
| Witherspoon, J.A. | | | | | | | | | Y |
| Wright Hargreaves Mines Ltd | | | | | | | | | |
| Zanella, A. | | | | | | | | | Y |

# ODM GENERAL INDEX SEARCH

**Words searched:**

| Index Volume | Listing: | Report Volume | Part | Page |
|---|---|---|---|---|
| | *Out of Print | | | |
| | N.O.[1] - Report of the Survey and Exploration of Northern Ontario, 1900 | | | |
| | I.O.[2] - Report of the Iron Ore Committee | | | |
| 1 | Duncan lake, headwaters Montreal river | | | |
| | Character of river near | *N.O.[1] | | 110,111 |
| | Pine | *N.O. | | 91 |
| | Hedlund, L.O. | *19 | 2 | 193 |
| | Montreal River, Timiskaming lake | | | |
| | East and West branches | *17 | 2 | 2-4 |
| | Gold | *N.O. | | 105 |
| | Silver Dollar Mining Co. | | | |
| | Capital and date of charter | *19 | 1 | 47 |
| | Tyrrell Township | | | |
| | Iron formation | *19 | 1 | 187 |
| | Silver prospecting | *19 | 1 | 52 |
| 2 | Hedlund, L.O. | | | |
| | Prospecting, Gowganda s. area | *30 | 3 | 42 |
| | Kirkland-Hudson Bay Gold Mines Ltd. | | | |
| | Capital and date of charter | *29 | 1 | 53 |

GDIF FORM NO. 8

# ODM GENERAL INDEX SEARCH

**Words searched:**

| Index Volume | Listing: | Report Volume | Part | Page |
|---|---|---|---|---|
| 2 | Leonard Silver Mines Ltd. | | | |
| | Capital and date of charter | 35 | 1 | 59 |
| | Tyrrell Tp., Tim. | | | |
| | Iron formation | *I.O.[2] | | 211 |
| 3 | Big Divide Gold Mines Ltd. | | | |
| | Incorporated | 44 | 1 | 44 |
| | Breeze Lake, Tyrrell tp. | | | |
| | Gold claims on and near | *41 | 2 | 54,55 |
| | Burroughs, Charles | | | |
| | Gold claims, Tyrrell tp. | *41 | 2 | 55 |
| | Cripple Lake, Tyrrell tp. | | | |
| | Gold claims | *41 | 2 | 55,57 |
| | Rocks | *41 | 2 | 35 |
| | Cryderman, James | | | |
| | Gold claims, Tyrrell tp. | *41 | 2 | 55 |
| | Currie, W.F. | | | |
| | Silver claims, Leonard & Tyrrell tps. | *36 | 2 | 95,96 98 |
| | Currie Silver Claims, Tyrrell tp. | | | |
| | See also Saville Exploration Syndicate | | | |
| | Location; mineralization | *36 | 2 | 95,98 |

GDIF FORM NO. 8

# ODM GENERAL INDEX SEARCH

**Words searched:**

| Index Volume | Listing: | Report Volume | Part | Page |
|---|---|---|---|---|
| 3 | Duncan Lake, Tyrrell-Knight area | | | |
| | Access | *41 | 2 | 27 |
| | Gold claims near | *41 | 2 | 49-52 |
| | see also map with | *41 | 2 | |
| | Rocks | *41 | 2 | 45-47 |
| | Topography | *41 | 2 | 30,31 |
| | Garvey Gold Claims, Tyrrell tp. | | | |
| | Mineralization | *41 | 2 | 54 |
| | Golden Regan Syndicate | | | |
| | Gold claims, Tyrrell tp. | *41 | 2 | 58 |
| | Gordon Syndicate | | | |
| | Gold claims, Tyrrell-Knight area | *41 | 2 | 52,54 |
| | Hare Lake, Tyrrell tp. | | | |
| | Rocks, sulphides | *41 | 2 | 57 |
| | Hedlund, L.O. | | | |
| | Gold claims. See next ref. | | | |
| | Hedlund Gold Claims, Tyrrell-Knight area | | | |
| | Lamprophyre, photomicrograph | *41 | 2 | 43 |
| | Report and sketch map | *41 | 2 | 49-53 |
| | Serpentine, photomicrograph | *41 | 2 | 39 |
| | Hilltop Mines Ltd. | | | |
| | Gold claims, Tyrrell tp. | *41 | 2 | 58 |

GDIF FORM NO. 8

# ODM GENERAL INDEX SEARCH

**Words searched:**

| Index Volume | Listing: | Report Volume | Part | Page |
|---|---|---|---|---|
| 3 | Indian Lake, Tyrrell tp. | | | |
| | Gold claims | *41 | 2 | 55 |
| | Iona Matachewan Syndicate | | | |
| | Gold claims, Tyrrell tp. See Tough-Regan-Summerville claims | | | |
| | Johnston-Gardner Gold Claims, Tyrrell-Knight area | | | |
| | Location | *41 | 2 | 55 |
| | LaFrance Gold Claims, Tyrrell tp. | | | |
| | Location | *41 | 2 | 55 |
| | McIntyre Gold Claims, Tyrrell and Knight tps. | | | |
| | Location, see map 41b with | *41 | 2 | |
| | Report and plan | *41 | 2 | 56,57 |
| | McIntyre Lake, Tyrrell tp. | | | |
| | Gold claims | *41 | 2 | 56,57 |
| | Rocks | *41 | 2 | 43 |
| | McNeely Matachewan Syndicate | | | |
| | Gold claims, Tyrrell tp. | *41 | 2 | 58 |
| | location, see map 41b with | *41 | 2 | |
| | Martel Gold Claims, Tyrrell tp. | | | |
| | Location | *41 | 2 | 57 |

GDIF FORM NO. 8

# ODM GENERAL INDEX SEARCH

Words searched:

| Index Volume | Listing: | Report Volume | Part | Page |
|---|---|---|---|---|
| 3 | Matona Gold Mines Ltd. | | | |
| | Capital; officers; operations: (1936) | 46 | 1 | 178 |
| | (1937) | 47 | 1 | 173 |
| | (1938) | 48 | 1 | 166 |
| | Mid-Tyrrell Gold Ltd. | | | |
| | Incorporated | 44 | 1 | 46 |
| | Mining Corporation of Canada Ltd. | | | |
| | Gold claims | | | |
| | Tyrrell tp. | *41 | 2 | 57 |
| | Nipissing Mining Co. Ltd. | | | |
| | Explorations | | | |
| | Tyrrell-Knight area | *41 | 2 | 49,60 |
| | Pear Lake, Tyrrell tp. | | | |
| | Gold claims | *41 | 2 | 55 |
| | Rocks | *41 | 2 | 36,39 |
| | Porphyry Lake, Tyrrell tp. | | | |
| | Gold claims | *41 | 2 | 57 |
| | Rocks | *41 | 2 | 39 |
| | Regan Gold Claims, Tyrrell tp. | | | |
| | Active (1936) | 46 | 1 | 21 |
| | Location. See map 41b with | *41 | 2 | |
| | Report on | *41 | 2 | 58 |
| | Saville, Thomas | | | |
| | Gold claims | | | |
| | Tyrrell tp. | *41 | 2 | 55 |

GDIF FORM NO. 8

# ODM GENERAL INDEX SEARCH

Words searched:

| Index Volume | Listing: | Report Volume | Part | Page |
|---|---|---|---|---|
| 3 | Shahen Gold Claims, Tyrrell tp. | | | |
| | Location. See map 41b with | *41 | 2 | |
| | Mineralization | *41 | 2 | 55 |
| | Soot Lake, Leonard and Tyrrell tps. | | | |
| | Rocks, notes and photo | *41 | 2 | 37,38 |
| | Sorbel Gold Claims, Tyrrell tp. | | | |
| | Location | *41 | 2 | 55 |
| | Spears Gold Claims, Tyrrell-Knight area | | | |
| | Mineralization | *41 | 2 | 52 |
| | Tough-Regan-Summerville Gold Claims, Tyrrell tp. | | | |
| | Active | 46 | 1 | 21 |
| | Location | *41 | 2 | |
| | Report on | *41 | 2 | 58 |
| | Tyranite Gold Mine, Tyrrell tp. | | | |
| | Accident rate (1939) | 49 | 1 | 248 |
| | Mill capacity | 49 | 1 | 25 |
| | Operations. See Tyranite Mines | | | |
| | Production facing | 49 | 1 | 12 |
| | Tyranite Mines Ltd. | | | |
| | Capital; officers; operations: (1936) | 46 | 1 | 214 |
| | (1937) | 47 | 1 | 220 |
| | (1938) | 48 | 1 | 210 |
| | (1939) | 49 | 1 | 211 |
| | Incorporated | 45 | 1 | 53 |

GDIF FORM NO. 8

# ODM GENERAL INDEX SEARCH

**Words searched:**

| Index Volume | Listing: | Report Volume | Part | Page |
|---|---|---|---|---|
| 3 | Tyrrell-Knight Area, Tim. | | | |
| | Report on, by A.R. Graham | *41 | 2 | 25-61 |
| | Tyrrell Tp., Tim. | | | |
| | Gold mg. | | | |
| | See Matona Gold Mines Tyranite g.m. | | | |
| | Paymaster property in | 49 | 1 | 183 |
| | Rocks | *36 | 2 | 89 |
| | Silver mg. See Currie s. claims | | | |
| | Ventures Ltd. | | | |
| | Operations | | | |
| | Tyrrell-Knight area | *41 | 2 | 49,52 |
| | Waite, J.H.C. | | | |
| | of Matona Gold Mines | 48 | 1 | 166 |
| | Walker Silver Claims, Tyrrell and Leonard tps. | | | |
| | notes on | *36 | 2 | 95,97 |
| | Wapus Creek, W. br. Montreal r. | | | |
| | Photo | *41 | 2 | 30 |
| | Rocks | *41 | 2 | 35,47 |
| | Silver-cobalt veins | *41 | 2 | 47,49 |
| | West Branch, Montreal r. | | | |
| | Channel changes in | *44 | 2 | 7 |
| | Character | *41 | 2 | 31 |
| | Rocks. See map 41b with | *41 | 2 | |

GDIF FORM NO. 8

# ODM GENERAL INDEX SEARCH

**Words searched:**

| Index Volume | Listing: | Report Volume | Part | Page |
|---|---|---|---|---|
| 4 | LaFrance Gold Mines Ltd. | | | |
| | Incorporated | 54 | 1 | 46 |
| | Matona Golds Ltd. | | | |
| | Incorporated | 55 | 1 | 51 |
| | Silver Dollar Mines Ltd. | | | |
| | Capital; officers; operations | 56 | 2 | 110 |
| | Incorporated | 56 | 1 | 48 |
| | Tyranite Gold Mine, Tyrrell tp. | | | |
| | Mill capacity | 59 | 1 | 24 |
| | Operations. See Tyranite Mines | | | |
| | Production (1940) facing | 50 | 1A | 8 |
| | (1941) facing | 51 | 1 | 16 |
| | (1942) facing | 52 | 1 | 10 |
| | statistics | 59 | 1 | 19 |
| | Tyranite Mines Ltd. | | | |
| | Capital; officers; operations: (1940) | 50 | 1 | 136 |
| | (1941) | 51 | 1 | 205 |
| | (1942) | 52 | 1 | 193,194 |
| | Tyrrell Tp., Tim. | | | |
| | Gold mg. See also Tyranite g.m. | | | |
| | Matachewan Consolidated claims | 56 | 2 | 67 |
| | | 57 | 2 | 70 |
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| | Welsh-Mac Mines Ltd. | | | |
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| 5 | Tyranite Gold Mine, Tyrrell tp. | | | |
| | Mill capacity (1951) | 61 | 1 | 27 |
| | Production statistics | 64 | 1 | 26 |
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| | Gold mg. See Tyranite g.m. | | | |
| | Minto claims acquired by Sylvanite | 60 | 2 | 71 |
| 6 | Kirkland Hudson Bay Gold Mines Ltd. | | | |
| | Name changed | 66 | 1 | 37 |
| | Ranworth Explorations Ltd. | | | |
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| | Change of name | 65 | 1 | 38 |
| 7 | Tyranite Mines Ltd. | | | |
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| 8 | Arthur Lake Mines Ltd. | | | |
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| | Decker, A. | | | |
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| 8 | Matona Gold Mines Ltd. | | | |
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| | Mosher Lake | | | |
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| | Tyranite Mines Ltd. | | | |
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| | Tyrrell & Macmurchy Tps., Timiskaming & Sudbury Dist. | | | |
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| | Tyrrell Tp., Timiskaming Dist. | | | |
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| 9 | Anglehart, E. | | | |
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| | report on property | GR 152 | | 36 |
| | Associated Porcupine Mines Ltd. | | | |
| | Tyrrell Tp., Timiskaming Dist. | GR 152 | | 59-60 |
| | Bengel Dev. Corp. Ltd. | | | |
| | Tyrrell Tp., Timiskaming Dist. | GR 152 | | 32 |

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| 9 | Benvan Mines Ltd.<br>Tyrrell Tp., Timiskaming Dist.<br>report on property | GR 152 | | 37,60-61 |
| | Big Divide Gold Mines Ltd.<br>Macmurchy Tp., Sudbury Dist. | GR 152 | | 38 |
| | Bobtail Lake<br>Leonard Tp., Timiskaming Dist. | GR 146 | | 15,22,23,28,32,42 |
| | Breeze Lake<br>Tyrrell Tp., Timiskaming Dist. | GR 152 | | 28,46,47 |
| | Breeze Lake Gold Mining Co. Ltd.<br>Tyrrell Tp., Timiskaming Dist. | GR 152 | | 52 |
| | Burroughs Claims<br>Tyrrell Tp., Timiskaming Dist. | GR 152 | | 48,57 |
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| | Byberg Occurrence<br>Tyrrell Tp., Timiskaming Dist. | MP 84 | | 75-76 |

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| 9 | Cleroux, D.F.<br>Tyrrell Tp., Timiskaming Dist.<br>report on property | GR 152 | | 62 |
| | Consolidated Mining & Smelting Co. of Canada Ltd., The<br>Macmurchy & Tyrrell Tps., Sudbury & Timiskaming Dist. | GR 152 | | 47,55 |
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| | Cryderman Occurrence<br>Tyrrell Tp., Timiskaming Dist. | MDC 18 | | 227 |
| | Dalhousie Oil Co. Ltd.<br>Tyrrell Tp., Timiskaming Dist. | GR 152 | | 41-42 |
| | Decker Claims<br>Tyrrell Tp., Timiskaming Dist. | GR 152 | | 36 |
| | Duggan, H., Gardiner, H.D., Harkin, T.L.<br>Tyrrell Tp., Timiskaming Dist.<br>report on property | GR 152 | | 39,42 |
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| | Duncan Lake<br>Tyrrell Tp., Timiskaming Dist. | GR 152 | | 10,22, 27 |

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| 9 | Duncan Lake Fault | | | |
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| | Lorenzo, F.A. & Shahen, A.<br>Tyrrell Tp., Timiskaming Dist.<br>report on property | GR 152 | | 46 |
| | McIntyre Gold Mines Ltd.<br>Tyrrell Tp., Timiskaming Dist. | GR 152 | | 35 |
| | McIntyre Lake<br>Knight & Tyrrell Tps., Timiskaming Dist. | GR 152 | | 18,51 |
| | McIntyre Porcupine Mines Ltd.<br>Tyrrell Tp., Timiskaming Dist. | GR 152 | | 50,55 |
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| | Matona Prospect<br>Tyrrell Tp., Timiskaming Dist.<br>report on property | MDC 18 | | 184 |
| | Mid-Tyrrell Matachewan Gold Mines Ltd.<br>Tyrrell Tp., Timiskaming Dist. | GR 152 | | 48,57,<br>58 |
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| | Owl Lake<br>Tyrrell Tp., Timiskaming Dist. | GR 152 | | 19,23,<br>28,32,<br>36 |
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| | Shahen, A. & Lorenzo, F.A.<br>Tyrrell Tp., Timiskaming Dist.<br>report on property | GR 152 | | 46 |
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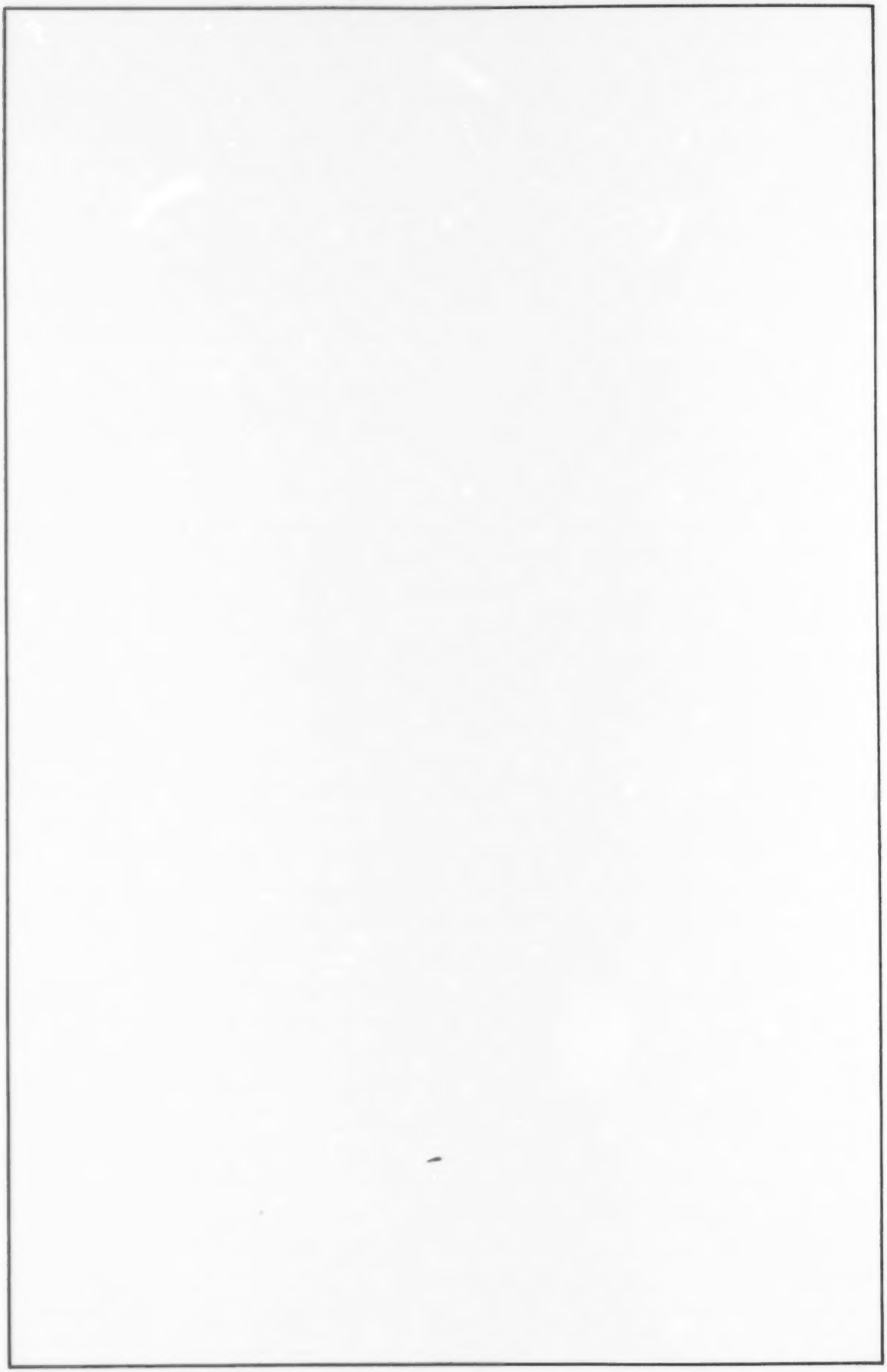


# NOTES AND ADDENDA

The exploration data map shows only the most important minerals found at each site. All the minerals noted are listed in the mineral occurrences or the drill hole data.

On the maps, only the areas for which work has been submitted to the Ministry are shown and thus a company may hold, or have held in the past, more ground than is shown.

The Tyranite Mine produced 31,352 oz. of gold and 4,860 oz. of silver from 223,810 tons of ore from 1939-1942.

The township was closed to staking in 1978 due to the Bear Island Indian Caution.

AIR PHOTOS - on File in Cobalt

1" = ¼ mile for 1959 and 1970.

Air photos can be viewed at or purchased from the Public Service Centre, Room 1640, Whitney Block.

GDIF FORM NO.30

47°40'

91°00'

20

25

1a

2

19

25

14

23

23

28

12

16

Spade L

Milly L

Moss L

Upper Notch Dam

Wapus

Upper Notch Raps

Gordon

Brereton Lake

Breezy L

Foxhead L

Notround

Cona

Boot L

560

18

10

10

11

13

27

26

4

4

3

7

5

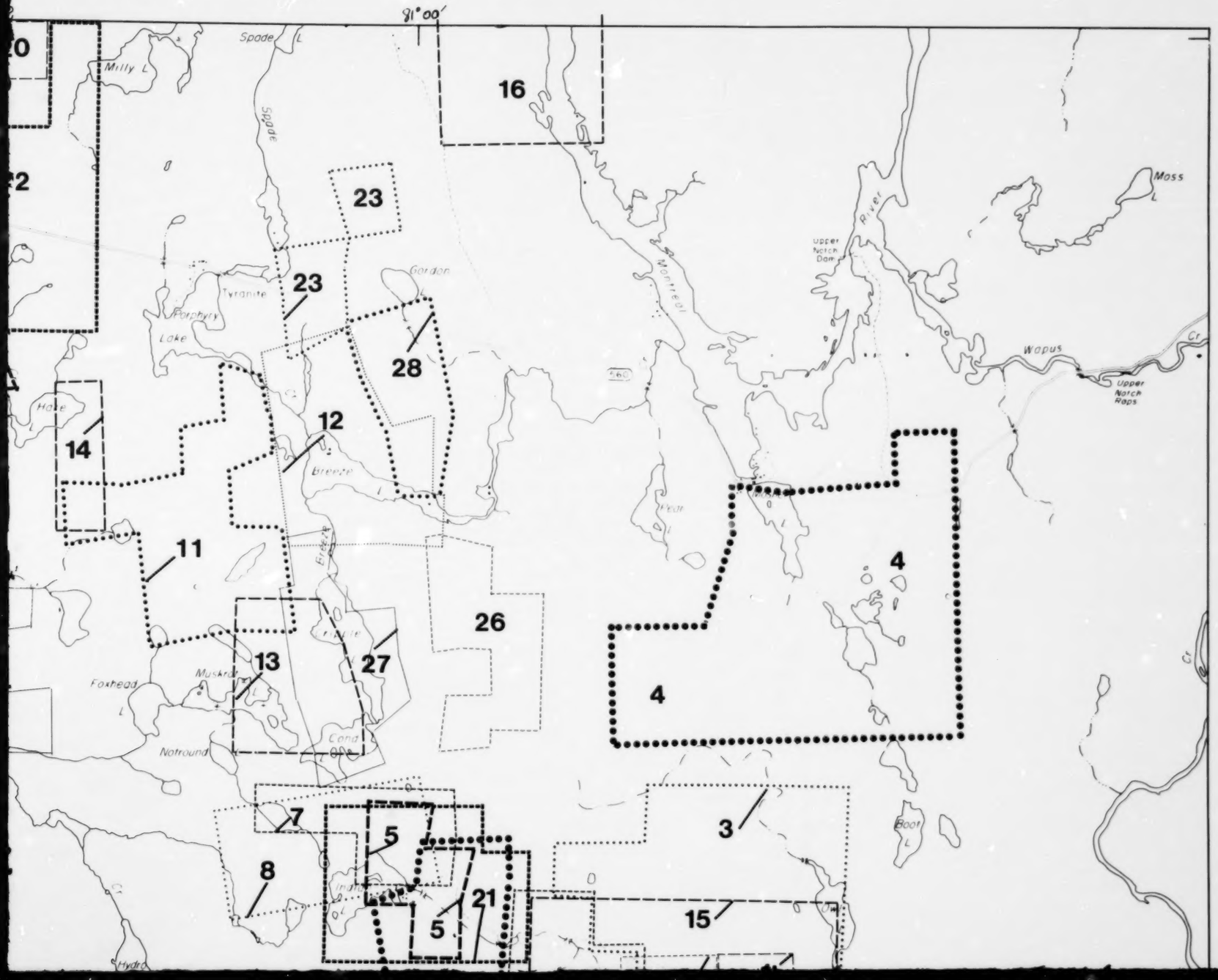
8

5

21

15

Mile 0




Ministry of Northern Development and Mines

Mines and Minerals Division

Ontario

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 508

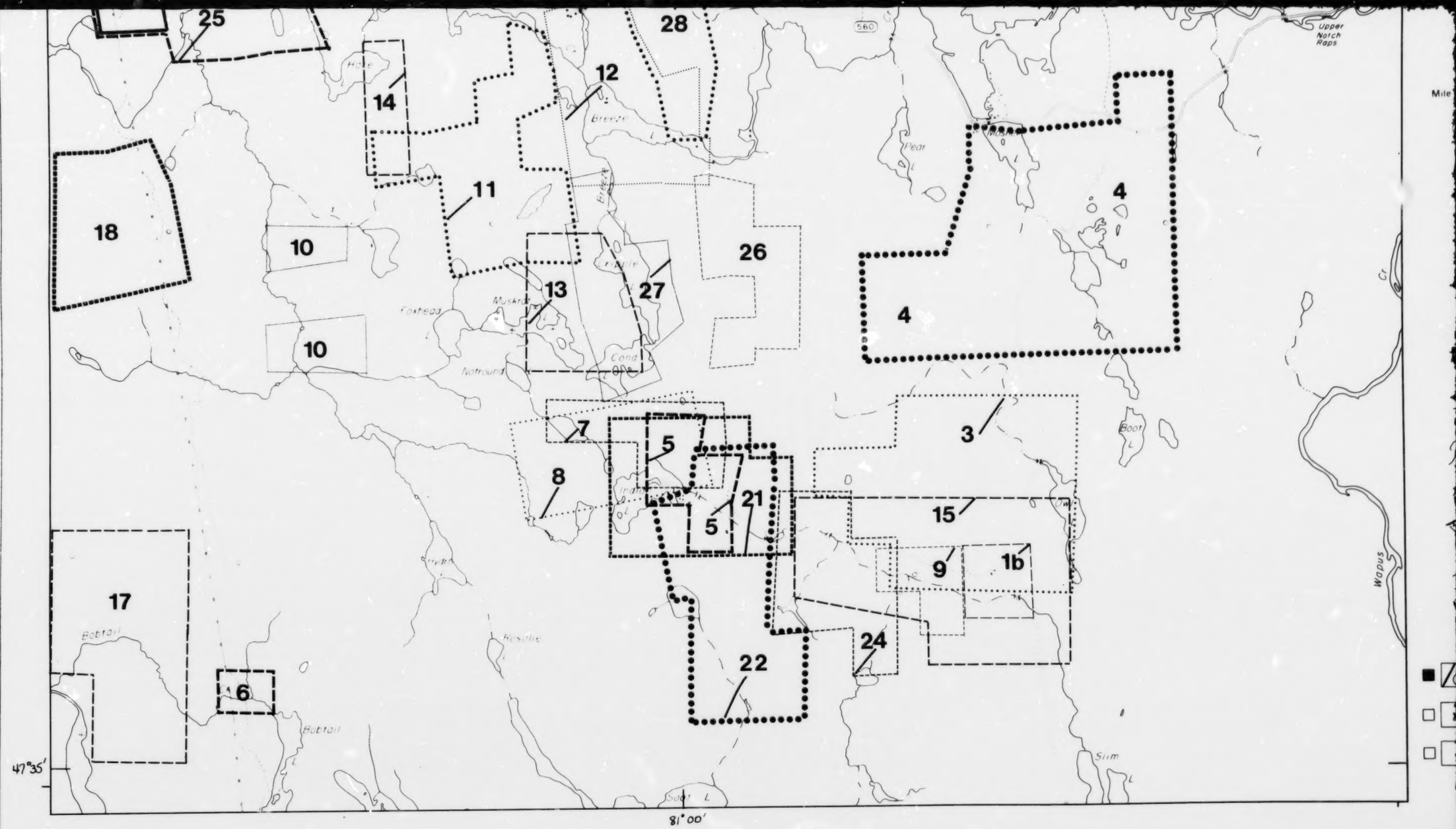
( Map 1 of 3 )

# TYRRELL TOWNSHIP

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile


25
28
14
12
18
11
10
26
13
27
4
10
4
7
5
3
8
21
15
9
1b
17
24
6
22
Upper Notch Raps
Wapus
Bobtail
Bobtail
Slim
47°35'
81°00'

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

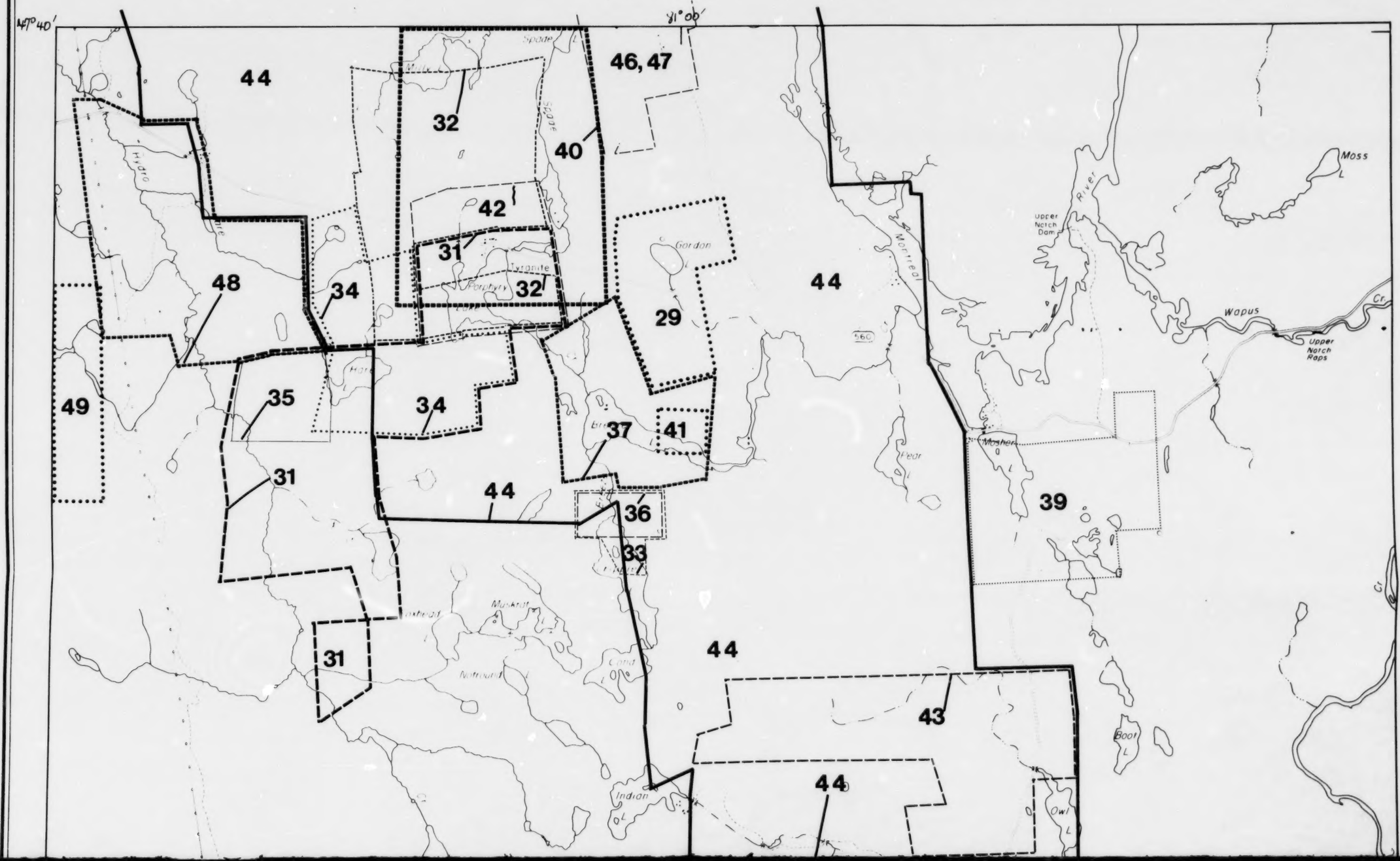
## EXPLORATION DATA FILE AREAS

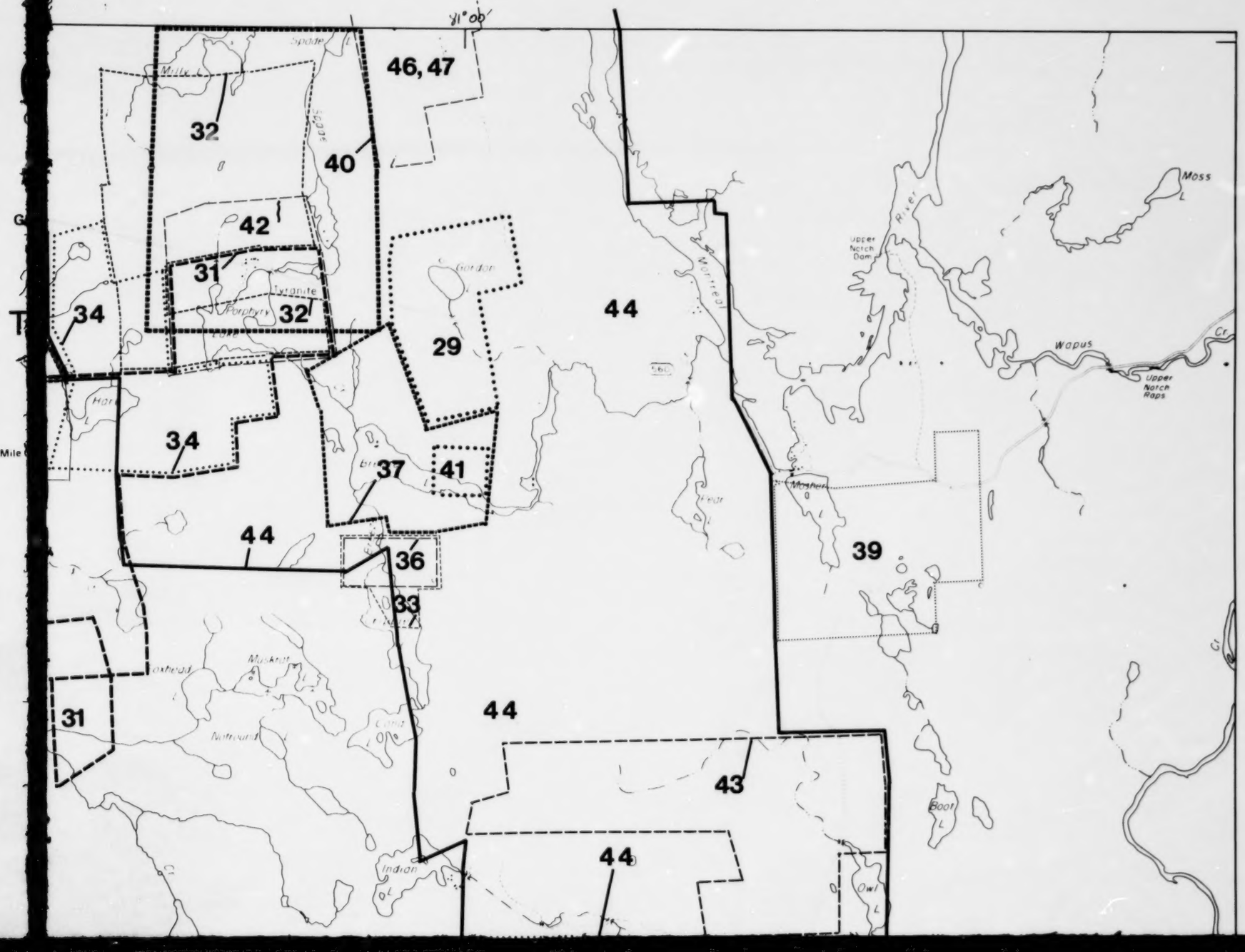
■ Reference number is always inside work area outlined. See listing in text pages.

□ Small area of exploration

□ File covers whole township or area

81°00'


47°40'
81°00'
44
46, 47
32
40
42
31
32
48
34
29
44
35
49
34
37
41
31
44
36
33
31
44
43
44
39
Spade
Hydro
Gordon
Ivanite
Forestry
Mattagami
Upper Notch Dam
Moss L
Wapus
Upper Notch Raps
Mosher
Boot L
Owl L
Indian
560




Ministry of Northern Development and Mines

Ontario

Mines and Minerals Division

ONTARIO GEOLOGICAL SURVEY

PROPERTY LOCATION MAP

GEOLOGICAL DATA INVENTORY FOLIO 508

( Map 2 of 3 )

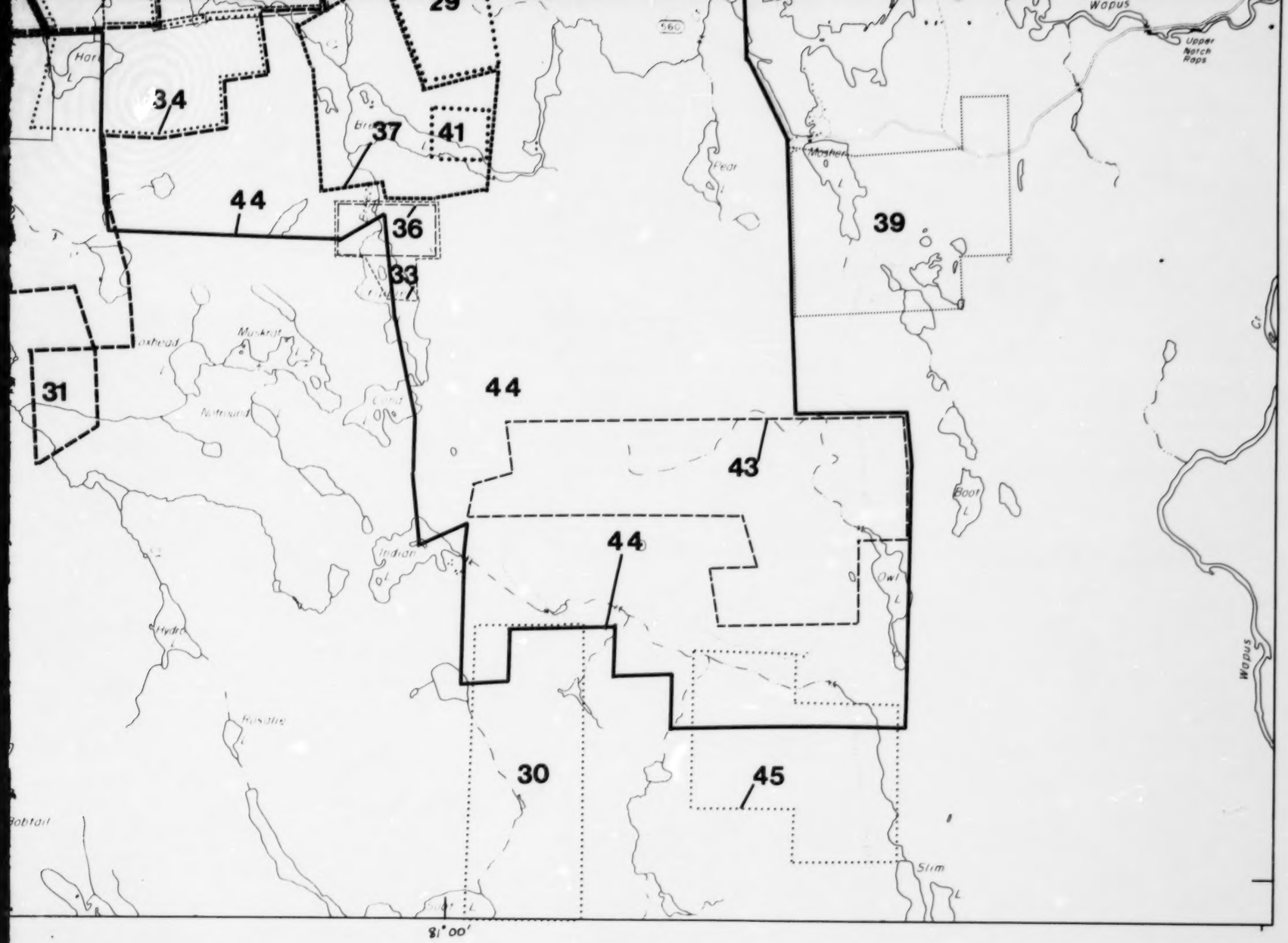
# TYRRELL TOWNSHIP

Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

49
35
34
29
37
41
31
44
36
33
39
31
44
43
44
30
45
38
47°35'
81°00'
560
Wapus
Upper Notch Rops
Mile
Mosher
Boot
Owl
Slim
Wapus
Bobtail
Bobtail




Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

**EXPLORATION DATA FILE AREAS**

■ ① ⑤ Reference number is always inside work area outlined. See listing in text pages.

□ x ④ Small area of exploration

□ ★ File covers whole township or area

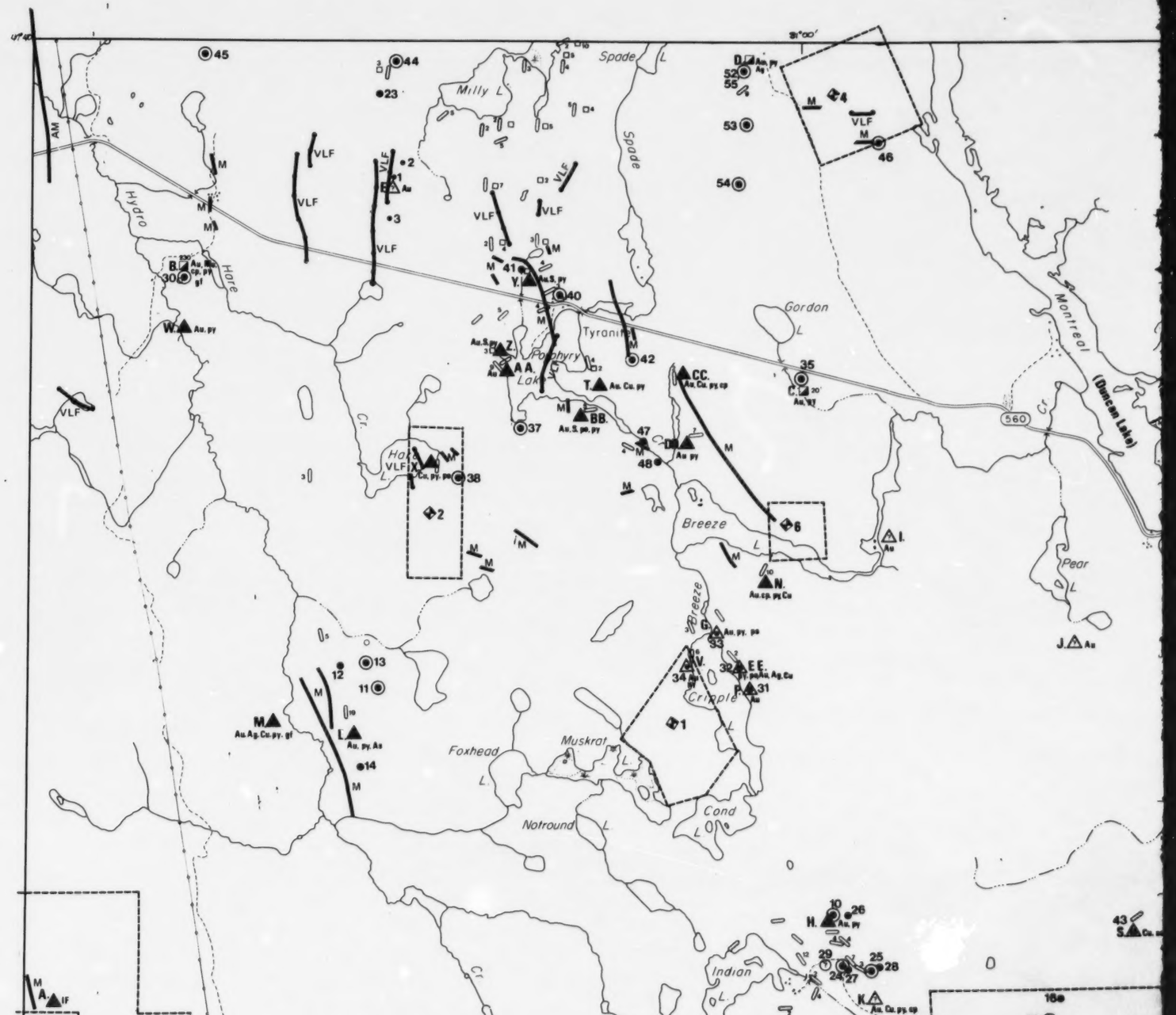
TYPES OF DATA SHOWN ON THIS MAP

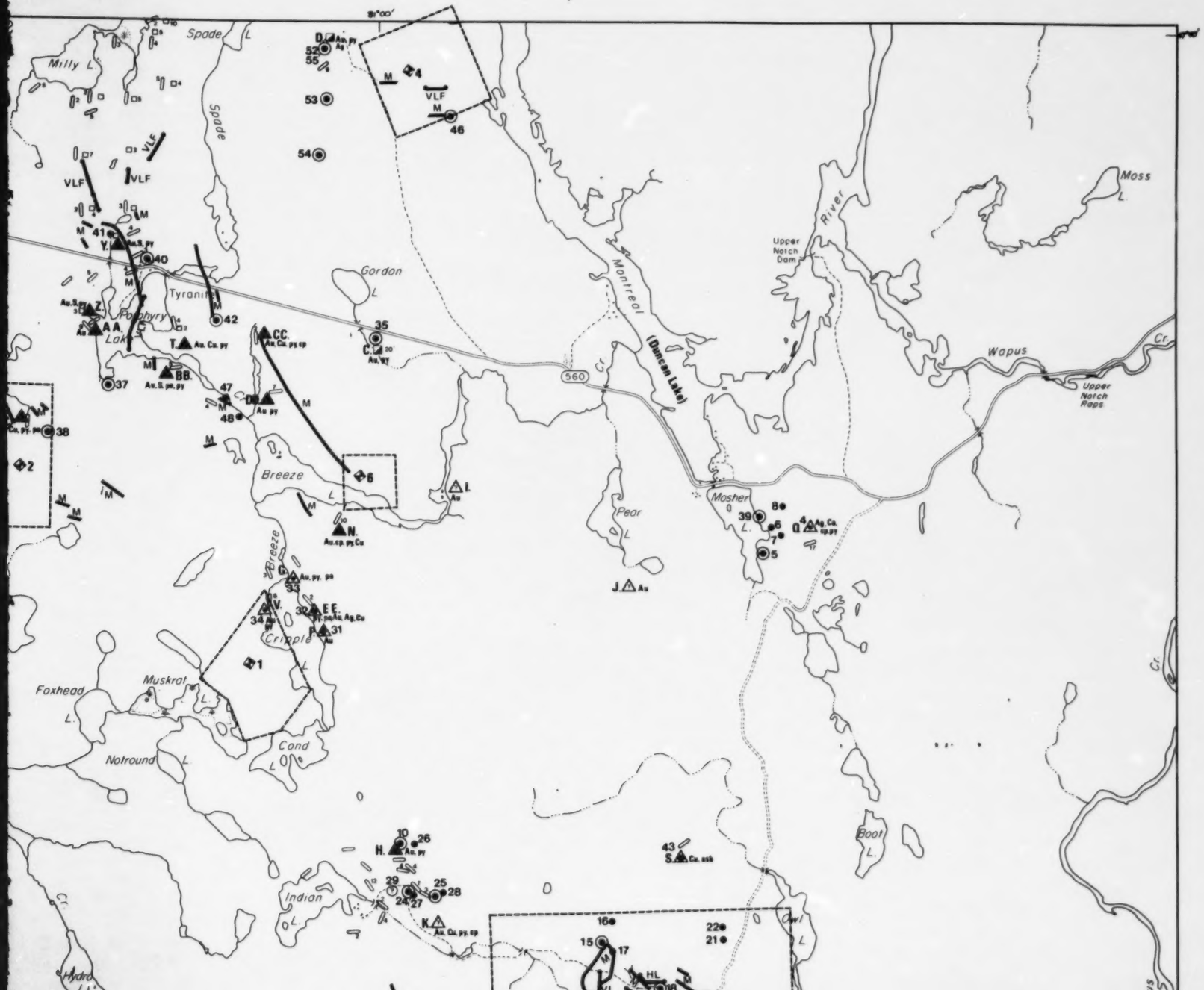
## GEOCHEMICAL AND GEOCHRONOLOGICAL DATA

- Geochemical sample site, with reference number
- Area of geochemical sampling, with reference number
- Age dating material sampling site, with reference number

## GEOPHYSICAL ANOMALIES

- Airborne magnetic anomaly
- Airborne electromagnetic anomaly Length of anomaly along flight line
- Airborne electromagnetic anomaly
- Airborne electromagnetic anomaly Conductor axis
- Airborne radiometric anomaly
- Ground magnetic anomaly
- Ground electromagnetic anomaly ( VL - Vertical loop; HL - Horizontal loop VLF - Very low freq.; Turam; JEM - Crone Em - 16; EM - Undefined )
- Ground radiometric anomaly
- Induced polarization anomaly
- Self potential anomaly
- Audio-frequency magnetic anomaly ( total intensity )
- Resistivity anomaly
- Gravity anomaly



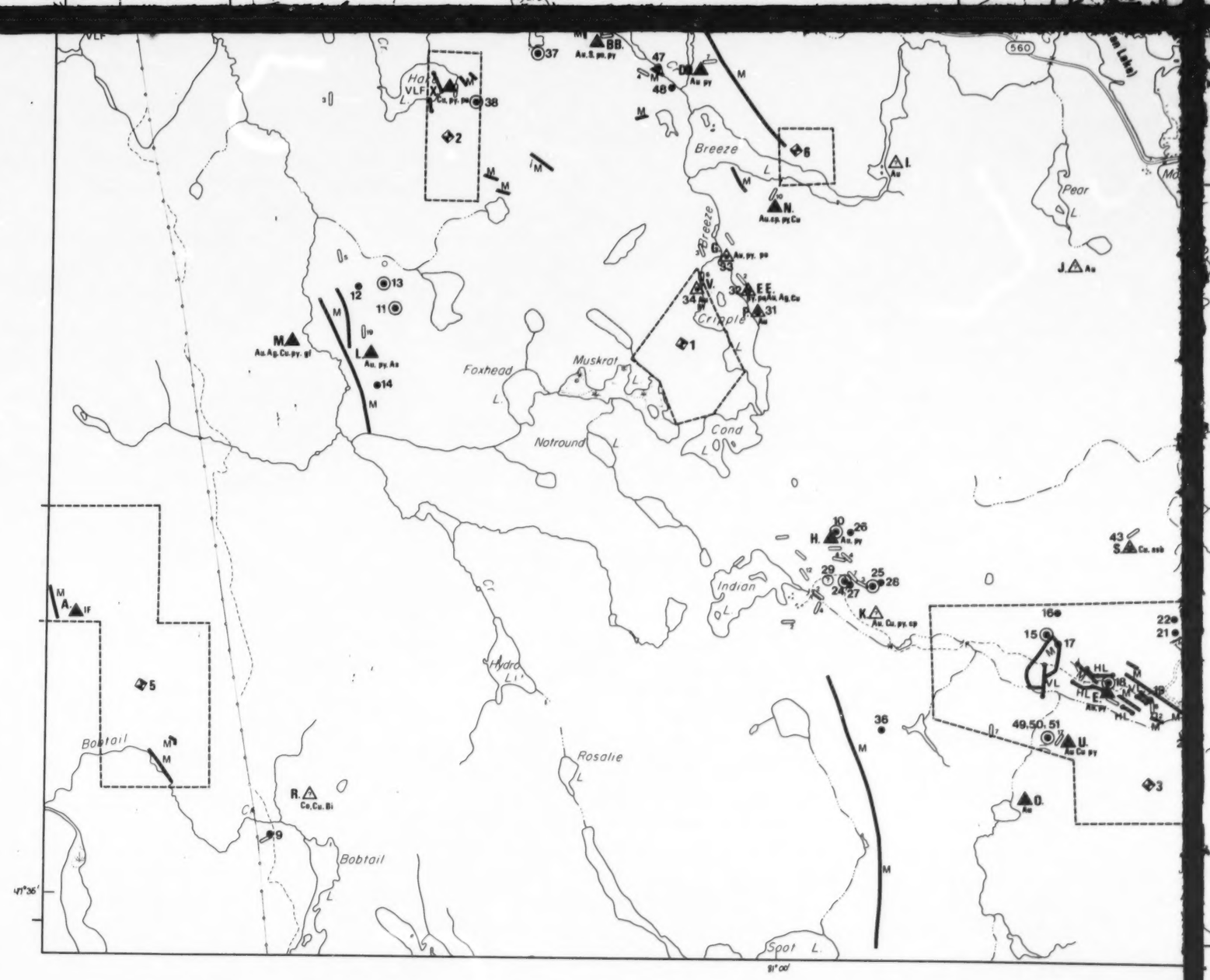

Spade L
Milly L
Spade
Gordon L
Tyranite
Porphyry
AA. Lake
BB.
CC.
Breeze L
Breeze
Cripple L
Foxhead L
Muskrat L
Notround L
Cond L
Indian L
Hydro
Cr
Montreal (Duncan Lake)
Cr
560
Upper Notch Dam
River
Moss L
Wapus
Cr
Upper Notch Rapa
Mosher
Pear L
Boot L
Owl L
Cr
VLF
M
Au
Au, py
Au, Cu, py
Au, py, pp
Au, Ag, Cu
Au, Cu, py, cp
Cu, py, pn
Au, py
Au, Cu, py
Au, py
Au, py
Au

- Airborne electromagnetic anomaly
  Length of anomaly along flight line
- Airborne electromagnetic anomaly
- Airborne electromagnetic anomaly
  Conductor axis
- ARA — Airborne radiometric anomaly
- M — Ground magnetic anomaly
- VL — Ground electromagnetic anomaly
  ( VL - Vertical loop; HL - Horizontal loop
  VLF - Very low freq.; Turam; JEM - Crone Em - 16; EM - Undefined)
- RA — Ground radiometric anomaly
- IP — Induced polarization anomaly
- SP — Self potential anomaly
- AFMAG — Audio-frequency magnetic anomaly
  ( total intensity )
- R — Resistivity anomaly
- GR — Gravity anomaly

## MISCELLANEOUS DATA

- Trenching, pit
- Adit
- Open pit
- Rock quarry
- Sand and/or gravel pit
- Number of closely spaced trenches or pits

NOTE: Consult the text that accompanies this map for pertinent lists of data, references, and abbreviations.



Scale 1:31 680

Kilometre 0.5 0 0.5 1 Kilometre

Mile 0.5 0 0.5 1 Mile

## GEOLOGICAL AND MINING SYMBOLS

TYPES OF DATA SHOWN ON THIS MAP

### MINERAL OCCURRENCES

- ■ cp A. — Mineral occurrence at surface, with reference letter
- ■ Au A. 84' — Mineral occurrence with shaft, depth given with reference letter
- ■ Ag A. — Mineral occurrence reported but exact location uncertain, with reference letter
- □ cp A. — Mineralized float with reference letter
- ■ A. — Mineral occurrence in drillhole, with reference letter, and drillhole number

### DRILLHOLES

- ■ •2 — Location of single drillhole, with reference number
- ■ ◎2 — Location of closely spaced group of drillholes, with reference number
- ■ ?2 — Drillhole, exact location uncertain, with reference number
- □ — Property with underground drillholes in this general area, with reference number
- □ ○2 — Property with drillholes which have not been plotted on map, with reference number
- □ ⊕2 — Reverse circulation drillhole; churn drilling, with reference number